

SUNSET SEED & PLANT CO.

(SHERWOOD HALL NURSERY CO.)

427-429 SANSOME ST.
SAN FRANCISCO, CALIFORNIA

SEED FARM AND NURSERIES.
MENLO PARK.

Duplicate



STANLEY



GAITY



VENUS

1895



A VIEW OF ONE OF OUR SWEET PEA FIELDS.



LADY PENZANCE



BLUSHING BEAUTY



FIREFLY

Six New Varieties of Sweet Peas

See Inside of Cover.

"A Dream in Color"

Is our charming masterpiece on the other side of this page, showing the six latest and loveliest introductions in the realm of that queen of flowering climbers—the Sweet Pea. As introducers to the people of the United States of all the improved varieties of Sweet Peas, we have with the closest attention studied the many novelties annually offered in this line. The public will therefore pardon our pride if we say we know the Sweet Pea intimately and accurately, and we feel justified in stating that the six varieties pictured on the cover of this year's catalogue have not been approached in size of bloom, perfection of form, and delicacy of tint, by any previous introductions.

One packet of each of the following six new varieties of Sweet Peas will be mailed free to any address on receipt of One Dollar.

BLUSHING BEAUTY. Soft pink suffused with lilac; a superb flower; a distinct and lovely variety. Per packet, 25 cents.

FIREFLY. A self-colored, intense glowing crimson, good size and substance; a very free bloomer. Per packet, 15 cents.

GAIETY. The standards, white, striped and flaked with bright rosy lilac; the wings, delicate blush. Per packet, 15 cents.

WE were awarded the **ONLY FIRST PREMIUM FOR SWEET PEAS** cultivated in the Horticultural Department of the World's Columbian Exposition, in Chicago, 1893, and obtained the highest awards for Sweet Pea Seeds and Sweet Pea Blossoms at the California Midwinter International Exposition, San Francisco, 1894.

STANLEY. Deep maroon; large, very handsome; distinct and beautiful flower of the finest form and substance; a great advance. Per packet, 25 cents.

LADY PENZANCE. Pale but very bright rose; very striking and distinct; a most chaste and lovely flower. Per packet, 25 cents.

VENUS. Salmon buff; the standards delicately shaded rosy pink; a very distinct and charming flower. Per packet, 15 cents.

New Giant-Flowered White Sweet Pea

BLANCHE BURPEE. A white-seeded, pure white, of exquisite form and immense size, having a bold, rigid, upright, shell-shaped standard; of great substance; a wonderfully profuse bloomer, and absolutely free from the objectionable notch so conspicuous in "Queen of England" and "Emily Henderson." It usually bears three flowers on a stem. Especially adapted for corsage and button-hole bouquets, because of flowers being placed close together on top of stem. A very chaste variety, and by far the finest white Sweet Pea ever produced.

Mr. Henry Eckford, the eminent English originator of New Sweet Peas, writes us, under date of October 29th, 1894, regarding "BLANCHE BURPEE," as follows: "'BLANCHE BURPEE' is really the finest Sweet Pea I have ever sent out."

In Original Packets. Price, 25 Cents per Packet

A Garden for a Dollar

The following thirty distinct varieties, all strong, well grown plants, will be mailed free to any address for one dollar:

1 Achyranthus.
1 Ageratum.
1 Alternanthera.
1 Ampelopsis Veitchii (Boston Ivy).
1 Abutilon (Flowering Maple).
1 Carnation.
1 Cuphea (Ladies' Cigar Plant).
1 Chrysanthemum.
1 Daisy.
1 Date Palm

1 Fuschia (Ladies' Ear Drop).
1 Geranium, Ivy-leaved.
1 Geranium, Lady Washington.
1 Geranium, Rose-scented.
1 Golden Feather.
1 Heliotrope.
1 Honeysuckle, Climber.
1 Manettia Vine, Climber.
1 Marguerite.
1 Petunia.

1 Pteris Cretica (Fern).
1 Rose.
1 Sea Pink.
1 Smilax, Climber.
1 Solanum Jasminoides, Climber.
1 Verbena.
1 Vinca (Creeping Myrtle).
1 Violet, Purple.
1 Violet, White.
1 Wandering Jew.

Sunset Seed and Plant Co.

(Sherwood Hall Nursery Co.)

427-429 Sansome St.

SAN FRANCISCO

See our Great Offer on Page 3 of Cover

CHICAGO

1893

OFFICIAL RIBBON



Issued by Authority of the

WORLD'S
COLUMBIAN
EXPOSITION

Geo. R. Davis
Director General.

John Ross Threlkeld
Chairman.
Committee of Awards.

DEPARTMENT B-HORTICULTURE

J. M. Samuels
CHIEF.

PREMIUM AWARDED

SWEET PEAS.

EXHIBITED BY

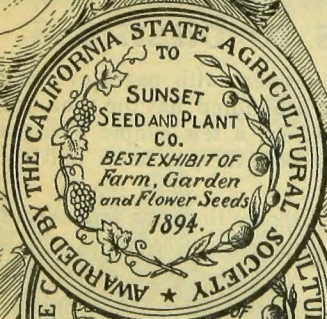
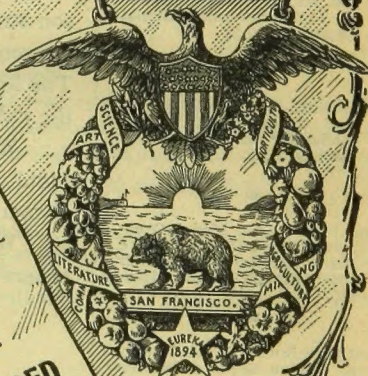
Sherwood Hall Nursery Co.
427 Sansome St.,
SAN FRANCISCO.



CALIFORNIA
MIDWINTER INTERNATIONAL
EXPOSITION

FIRST AWARDS

GARDEN, FIELD and
FLOWER SEEDS.
SWEET PEA SEEDS
and BLOSSOMS.
ORNAMENTAL and
DECORATIVE PLANTS.



So many patrons have shown an interest in our progress that we respectfully submit below a list of Awards recently earned by us.

First Premium for Best Display of Garden Seeds, California State Board of Agriculture, 1893.

★

First Award, Gold Medal, Sweet Peas, distinct varieties, growing at World's Columbian Exposition, 1893.

★

First Award, Gold Medal, Garden, Field and Flower Seeds and Horticultural Requisites, California Midwinter International Exposition, 1894.

★

First Award, Gold Medal, Sweet Pea Seeds, superior quality and largest variety, California Midwinter International Exposition, 1894.

★

First Award, Gold Medal, Sweet Pea Blossoms, California Midwinter International Exposition, 1894.

★

First Award, Gold Medal, Ornamental and Decorative Plants, California Midwinter International Exposition, 1894.

★

First Premium for Best Display of Garden Seeds, California State Board of Agriculture, 1894.

★

First Awards, Garden, Field and Flower Seeds, County and District Fairs, Chico, Red Bluff, Willows, Petaluma, Woodland, Stockton, San Jose, Salinas and Hollister, 1894.

★

Numerous First Premiums from the California State Floral Society.

★

First Premiums for three years consecutively from Floral Societies of Oakland, San Jose, Los Gatos, Fresno, Petaluma, Santa Rosa, etc.

★

The above were in all cases the highest Awards in the several Departments in which we entered for competition.

Two Results

THE result of *our* labor is shown in the concisely arranged General Catalogue now tendered, indicating the many good things we have in our assortment for the year 1895. The list is an interesting one, and we are gratified as we consider how acceptable it will be to our patrons in the Americas, Australia, New Zealand and the Hawaiian Islands, whom we take this occasion to thank for their kind favors in past years.

The result of *your* labor will likewise please you, so long as you put into your ground none but SELECTED garden stocks, whether Seeds, Plants or Fruit Trees. We claim for our products the important points of quality and never-failing vitality. We believe our reputation warrants the claim.

With an attractive Seed Store and the most extensive Nurseries in the West, to further increase our facilities we have opened a convenient Nursery Yard at the southeast corner of Polk and Jackson streets—our purpose being to place a portion of our stock more conveniently before the notice of those unable to visit us at Menlo. The location named is but five minutes' ride from our store, which the cable cars pass every two minutes.

We are glad to make visitors welcome at our Nurseries at Menlo Park as well as at our Seed Store and Nursery yard in San Francisco.

We pledge ourselves to faithfully and intelligently execute all orders entrusted to us.

A word as to business

WE will not burden our customers with pages of instructions which not one person in a hundred has the time or inclination to read. There are, however, a few simple business rules, conformity with which will save both the purchaser and the seller much time and annoyance.

Always order early and secure the attending advantages.

Always use the order sheet which accompanies the catalogue.

Always send the cash with the order. Accounts are never opened for small amounts. Bank drafts, money orders and registered letters are all safe.

Always give explicit shipping directions.

We do not **guarantee** seeds and plants to grow.

We do guarantee that every possible precaution has been taken to have our stock first-class in every respect and that should either seeds, plants or trees prove untrue to name, we will replace them without cost or refund the money paid.

SUNSET SEED AND PLANT CO.

January 15, 1895.

427-9 Sansome St., San Francisco.

Sunset Seed and Plant Company's

SELECTED SEEDS

Are all fresh, of superior quality and strong germinating power.

NEW AND STANDARD VEGETABLES

Embracing all the best varieties in cultivation, with directions for their culture.

POSTAGE

Seeds in packets, ounces and quarter pounds are sent post-paid at catalogue prices—but postage at the rate of 8 cents per pound must be included for seeds in quantities of one-half pound and upwards.

DISCOUNT

On all orders for seeds in packets the purchaser may select 20 cents worth extra for each one dollar sent us. This discount applies to seeds in packets only and is not allowed on seeds by the ounce, quarter pound, pound, etc.

Artichokes

Artichaut. Artichoke Elcachofa.

One ounce will produce five hundred plants. Sow in drills one foot apart and one inch deep, in moist, rich soil, and transplant to permanent beds, allowing a space of three feet between the rows and four feet between each plant. Liberal treatment will insure fine heads; and when once established the plants bear for many years.

Large Green Globe. The best for general cultivation. Per oz., 25 cts; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

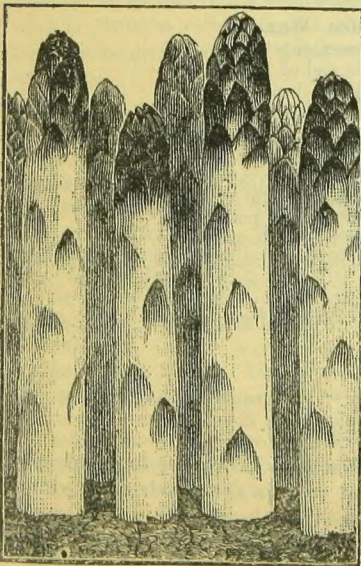
Strong, two-year-old roots of this variety, per doz., \$2.00.

Jerusalem or Tuberous-Rooted Artichoke. These are entirely distinct from the preceding and are grown exclusively for their large potato-like roots. They are a profitable crop to grow for feeding hogs, the yield often exceeding two tons per acre. If desired they need not be dug, but the hogs can be turned into the field to root them up. In this way it is estimated that one acre will keep twenty head in good condition until Spring. Per lb., 15 cts.; 100 lbs., \$10.00.

Asparagus

Asperge. Spargel. Asparrago.

One ounce will produce six hundred plants, and sow forty feet of drill. The increased culture of this delicious and wholesome vegetable cannot be too strongly recommended, being one of the earliest and best offerings from the garden to the table. It really requires very little trouble in cultivation, as a bed once properly made and planted will last for years. The soil for the permanent beds should be thoroughly manured and trenched to a depth of at least two feet. Plant in rows three feet apart, and one foot between the plants in the rows; spread the roots well out, and let the crown of the plant be covered about six or eight inches. Fair crops may be expected the third year from seed and in one or two years from roots planted, according to age.



ASPARAGUS.

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Colossal. A widely cultivated variety, with large, deep green, tender stalks of good flavor; the roots are vigorous and productive	\$0 10	\$0 25	\$0 50
Two-year-old roots....per 100, \$1 50; per 1,000, \$10 00.			

Columbian Mammoth White. The stems of this variety are pure white and remain so as long as fit for use; a vigorous grower and very productive	20	60	2 00
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Palmetto. A very early, large growing, bright green variety.....	10	30	75
Two-year-old roots....per 100, \$2 00 per 1,000, \$12 50.			



Beans

Dwarf, Snap or Bush

Haricot Nain. Busch-bohnen. Frijole Nano.

 Under this head are classed all the low-growing sorts, variously called Bush, Snap, String, Wax or French Beans.

One pound will sow one hundred feet of drill; one hundred pounds are required for an acre. They will thrive in any good soil. Plant the seeds two inches deep and three inches apart, in rows two feet apart. Keep well cultivated, as no crop better repays extra labor in this direction.

	Pkt.	Lb.	10 Lbs.
Best of All. An excellent variety, very productive, with round, tender, succulent pods of large size.....	\$0 10	\$0 15	\$12 00
Black Wax. A well-known standard sort, still very popular	10	15	12 00
Canadian Wonder. Handsome flat pods of great length and very tender. For string beans it has become a great favorite, while for fresh shelled beans, cooked like limas, hardly any variety can approach it in rich flavor and handsome appearance.....	10	15	10 00
Champion Bush. Produces an abundance of stringless, fleshy, flat pods four to five inches in length, of a light green color and containing five to seven beans of excellent flavor, either green or dry.....	10	15	10 00
China Red-Eye. A well-known early variety of excellent quality when picked young; excellent shelled, either green or dry.....	10	15	8 00
Crystal Wax. Pods of fair size, very tender, stringless and productive.....	10	15	12 00



Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean.....

10	15	13 00
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Extra Early Refugee. The earliest of all the green-podded varieties; immense yielder and sure to produce a good crop; is an excellent shipper and fast becoming one of the most popular varieties grown.....

10	15	10 00
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Extra Early Valentine. Differing from the ordinary Red Valentine only in earliness; usually ready for table in forty days from time of planting.....

10	15	10 00
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Improved Golden Wax A vigorous grower, enormously productive and of grand quality; a great improvement on the old variety..

10	15	12 00
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Long Yellow Six-Weeks. A standard sort for market or family use.....	10	12	9 00
Mohawk. The hardiest of the early varieties, largely grown for market use.....	10	15	10 00
Wardwell's Kidney Wax. A prolific and hardy variety and unquestionably one of the earliest of all wax beans. In comparison with the Golden Wax, the pods are often ready to pull ten days earlier. Vines of medium size, while the pods are long, flat and of a delicate waxy yellow; very brittle and entirely stringless.....	10	15	12 00
White Marrow. One of the best for shelling either dry or green.....	10	12	8 00
White Wax. Similar to Black Wax except in color of seed; tender and delicious....	10	15	10 00

Beans, English

Fève de Marais. Grosse Bohnen. Haba.

One pound will sow fifty feet of drill. Select a warm situation, and plant two inches deep in double rows, allowing four inches between the two lines forming the row and three feet between the double rows. Pinch out the top when the bloom shows strong, and keep the ground well cultivated and clean.

	Lb.	100 Lb.
Broad Windsor. Superior to all other types of this class of beans.....	\$0 10	\$6 00
Early Mazagan. Smaller than the preceding; hardy and productive.....	10	6 00



Beans, Dwarf Lima

Burpee's Bush Lima.

Grows from eighteen to twenty inches high, erect and branching so vigorously that each plant develops into a bush two or three feet in diameter. It yields immensely, bearing handsome, large, well-filled pods, the beans being identical in size and flavor with the well-known large Pole Limas.



BUSH LIMA BEAN.

Pkt. Lb. 100 Lb.

\$0 10 \$0 20 \$15 00

Henderson's Bush Sieva Lima.

Grows in compact bush form, about eighteen inches high, and produces enormous crops of delicious beans. It is at least two WEEKS EARLIER than any of the climbing Limas

10 15 10 00

Dreer's Bush Lima. This is a true bush form of the Dreer's Pole Lima, which has long been admitted the best in quality of all the Pole Limas. The bushes grow two feet high, of vigorous habit and very prolific; in flavor the beans are simply delicious.

10 20 18 00

Jackson's Wonder Bush Lima.

A remarkably prolific strain of the Speckled Sieva, of an established bush character and real merit; resembles the Henderson Bush Lima in habit, but larger in size of beans and better filled pods.

10 30

Beans, Pole or Running

Haricots a Rames.

Stangen Bohnen.

Frijole Vastaga.

One pound will plant fifty hills; thirty pounds will plant an acre. The soil should be mellow, rich and warm. Lay the ground out in hills 4 feet apart each way, and set poles eight or ten feet long firmly in the hills before putting in the seed. Plant five or six beans in a hill, and cover about two inches deep; leave three healthy plants at each pole, and when a few inches high draw a little earth around them as support. They may also be grown without poles, leaving the vine to run. Use the cultivator freely to keep the soil mellow and clean.

Challenger Lima. Considered by many growers superior to all others in quality and productiveness; it is sweeter, more tender and nutritious than the common Lima and remains green in the pod for a long time after maturing.

Pkt. Lb. 100 Lbs.

\$0 10 \$0 20

Dutch Case Knife. One of the earliest; a splendid green shell bean, also a fine dry bean for winter use; very productive; a good bean for planting among corn.

10 15 \$9 00

Golden Cluster Wax. A very vigorous and productive variety, bearing its long golden-yellow pods in clusters of three to six from bottom to top of pole; the pods retain their tenderness long after the beans have attained a large size; without doubt the best pole wax bean in cultivation and the earliest grown.

10 25

Horticultural or Speckled Cranberry. Popular old favorite; useful either green or dried.

10 15 9 00

Large White Lima. Always popular, and only surpassed by other sorts in earliness.

10 15 9 00

Old Homestead or Kentucky Wonder. A large green fleshy podded variety, bearing large clusters of pods averaging eight or nine inches in length, remarkably crisp when young; very prolific and one of the best.

10 15 12 00

Scarlet Runner. Ornamental and useful; produces brilliant scarlet flowers, and the beans are used either green or shelled.

10 20 15 00

White Dutch Runner. Similar to the preceding, but bears beautiful clusters of white flowers excellent as a shell bean.

10 15 10 00

Yard Long or Cuban Asparagus. Produces pods of extraordinary length, sometimes over two feet, and so abundantly as almost to conceal the foliage of the vine.

15 50



Beet and Mangel Wurzel

Betterave.

Runkelruben.

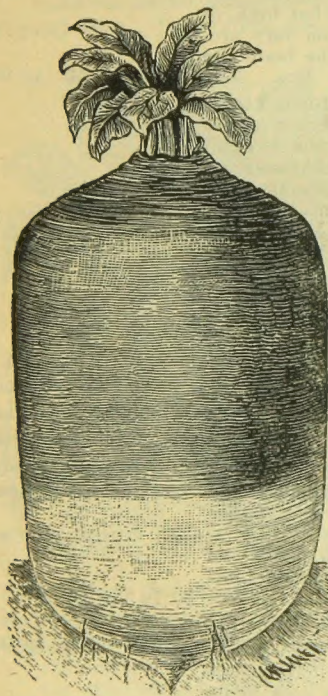
Remolacha.

One ounce will sow fifty feet of drill; five pounds will sow an acre. Rich, deep soil not too recently manured is best for this crop; sow about one inch deep in drills fifteen inches apart, and when well established, thin the plants to six inches apart in the rows.

	Oz.	¼-lb.	Lb.
Dewing's Improved Blood Turnip. An extra early improved variety of the Early Blood Turnip, of deep blood red color, fine form, tender and sweet.....	\$0 10	\$0 25	\$0 60
Early Blood Turnip. Dark red, tender, and keeps well.....	10	20	50
Eclipse. Extra early, uniform shape, bright red, fine grained and delicious.....	10	25	60
Egyptian Blood Turnip. Notwithstanding the many competitors this variety remains unsurpassed for earliness, general excellence of quality and all other good points that go to make a perfect beet.....	10	20	65
Long Smooth Blood. An excellent large, late variety.....	10	20	60
Swiss Chard. Known also as <i>Silver</i> or <i>Sea Kale Beet</i> . Cultivated only for its leaves, the mid-ribs of which are cooked like asparagus.....	10	25	75

Mangel Wurzel and Sugar Beets.

Five or six pounds will sow one acre. The seed should be planted in rows two feet apart and thinned to eight inches in the rows. To obtain the best results from this crop, use deep soil, well plowed; if the soil is thin a liberal application of an honest chemical fertilizer is necessary. The value of beets for stock feeding cannot be over-estimated. The results from their use are clearly shown in the improved breadth and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immensely.



MANGEL WURZEL—GOLDEN TANKARD.

	Oz.	¼-lb.	Lb.
Golden Tankard Mangel Wurzel. Considered indispensable by the best dairymen, on account of its productiveness and richness in saccharine matter; flesh and skin a deep yellow.....	\$0 10	\$0 15	\$0 40

Lane's Improved Sugar Beet. A popular variety, yielding as high as thirty tons per acre; the roots are of large size and symmetrical.....	10	15	40
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Mammoth Long Red Mangel Wurzel. This variety grows to an immense size, and is the most desirable sort to grow for stock feeding.....	10	15	35
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Orange Globe Mangel Wurzel. Useful in shallow ground; productive and a good keeper.....	10	15	40
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Red Globe Mangel Wurzel. Similar to the preceding, except in color.....	10	15	40
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White Sugar Beet. A large growing French variety excellent for sugar and for stock feeding.....	10	15	40
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Broccoli

Chou Brocoli.

Spargel-Kohl.

Brocoli.

One ounce will produce three thousand plants. Sow thinly in seed-beds. For permanent location select fresh land, deeply tilled. When the plants are strong enough, set out in rows two feet apart each way, setting the plants well down to their lower leaves. Cultivate frequently and give a plentiful supply of water during all stages of their growth.

	Oz.	¼-lb.	Lb.
Early Purple Cape. Produces large heads, of a brownish-purple color; very close and compact, and of excellent flavor.....	\$0 30	\$1 00	\$3 00
Walcheren. Produces large white heads of superior quality; very popular, and sells well wherever offered to the public.....	40	1 25	4 00



Brussels Sprouts

*Chou de Bruxelles.**Rosenkohl.**Berza de Brusels.*

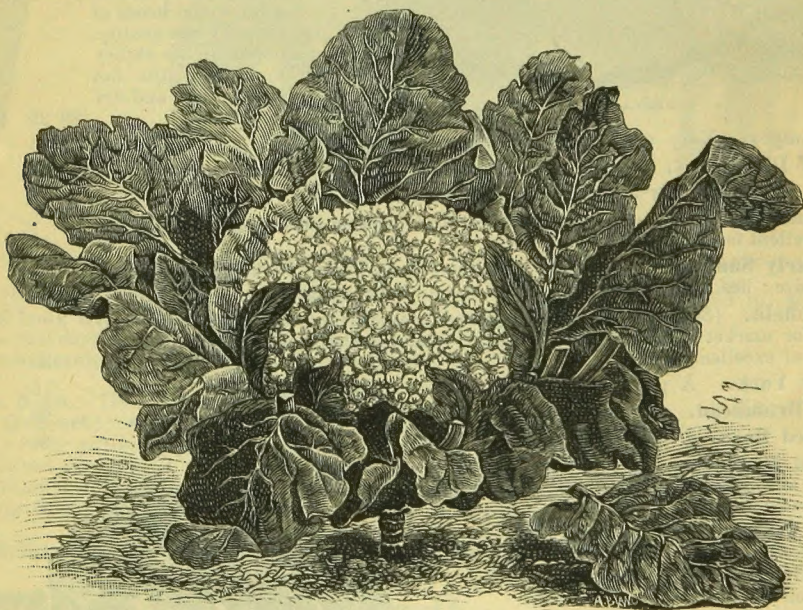
One ounce will produce three thousand plants. Sow as directed for Broccoli, and set the plants two and a half feet apart each way. They require a long season of growth, but with suitable soil and liberal manuring an excellent crop of this most delicious vegetable can be secured. The splendid flavor of properly cooked brussels sprouts would commend them to epicures and others, if generally known. Though of the cabbage family, the flavor is far more delicate and pleasing than that of any cabbage.

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Improved Dwarf. Very productive, tender and of rich flavor.....	\$0 20	\$0 60	\$2 00
Matchless. Without doubt the finest variety grown; of vigorous growth and producing handsome, solid, round sprouts of the best quality, being rich, tender and of delicious flavor.....	25	75	2 50

Cauliflower

*Choufleur.**Blumenkohl.**Coliflor.*

One ounce will produce three thousand plants. The cultural directions given for cabbage will apply to this crop, but the soil should be more heavily manured. Keep them well hoed, and bring the earth gradually up to the stems. Water freely in dry weather, and especially when they begin to head. Never allow the plants to become crowded in the seed-bed; transplant them with great care, as any check will injure, if not entirely prevent, the formation of the head.



AUTUMN GIANT

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Extra Early Dwarf Erfurt. (<i>Imported Seed.</i>) This is without doubt the best strain of Cauliflower that money can buy; of dwarf compact growth and short stem; heads beautiful white, large, firm and fine grained. Per pkt., 25 cts.; $\frac{1}{4}$ oz., \$1.50	\$5 00		
Early Dwarf Erfurt. Described in most catalogues as above, but much inferior to our extra-early strain which we recommend. Per pkt., 15 cts.....	1 50	\$5 00	
Early London. Large, and recommended for early use	40	1 00	\$3 50
Early Paris. Desirable as a second early.....	60	2 00	6 00
Large Algiers. Extra fine, late variety, and a sure header.....	50	1 50	5 00
Lenormand. Short-stemmed, late sort, with very heavy heads	60	2 00	7 50
Snowball. (<i>Grown from Henderson's Stock.</i>) This is the most popular variety in cultivation, and is largely grown every-where, both for forcing and early crops outside. The plants are dwarf and sure-heading, and the heads, though not so large as in some other varieties, are of good size, pure white, and of fine, delicate flavor. Pkt., 15 cts.	1 00	3 50	
Veitch's Autumn Giant. An unusually fine late sort, with beautiful white, large, firm heads, which are well protected by large leaves, and remain tender and fit for use a long time.....	40	1 25	4 00



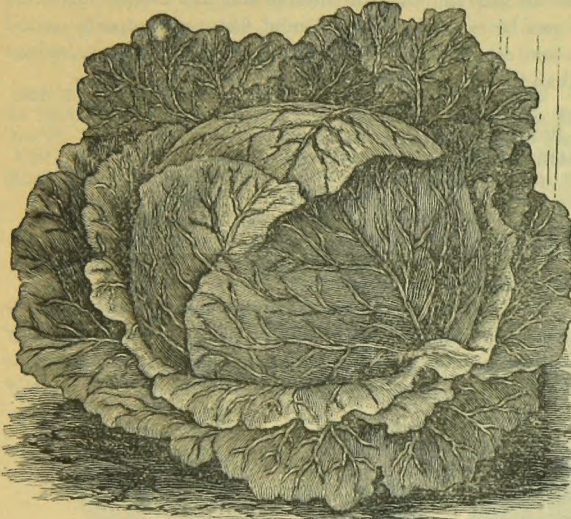
Cabbage

Chou Pomme.

Kopf-Kohl.

Col repollo.

One ounce will produce three thousand plants; five ounces will produce sufficient plants for an acre. Com-



SUREHEAD.

mence to sow the seed of the early varieties in September, and each following month until Spring, for succession. Transplant as soon as large enough to fresh, rich soil, in rows two feet apart and eighteen inches in the rows. For late use, sow the Drumhead sorts in Spring, and transplant to well manured ground three feet each way. In planting Cabbage or Cauliflower, care should be observed that the stem is set under the ground as far as the first leaf. The ground should be well worked, to produce good heads, and hoed as many as three times during the season, drawing the earth slightly about the stems. Should the cabbage-worm or other insect pests annoy, "Hammond's Slug Shot" is safe easily applied and effectual; do not delay in thus removing any insects that may appear.

Oz. ¼-lb. Lb.

All Seasons. Splendid variety, with hard, solid, round heads of the very best quality; noted for its ability to stand the hot summer sun and dry weather.....

\$0 20 \$0 60 \$2 00

Earliest Etampes. Very early, medium-sized, heart-shaped heads..... 25 75 2 50

Early Dwarf Elm Savoy. Very early, small round heads of first rate quality..... 20 50 1 50

Early York. A small, early-heading, popular variety..... 15 40 1 25

Fotler's Brunswick. A first-class second early, large-heading variety of the Drumhead type; excellent for Summer and Fall use..... 15 40 1 25

Improved Early Summer. About ten days later than Jersey Wakefield, but much larger in size; heads hard and solid and of fine uniform shape..... 25 75 2 25

Jersey Wakefield. (*Selected strain*) Recognized everywhere as the leading early cabbage for market and home use; heads pyramidal in shape of large size, hard and solid and of excellent quality..... 30 75 2 50

Large Early York. A popular sort, larger and later than Early York..... 15 40 1 25

Large Late Drumhead. An old favorite, with broad, flat, compact heads..... 20 50 1 50

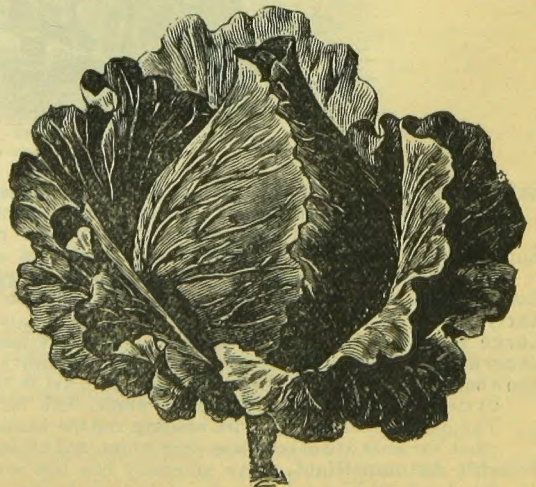
Mammoth Red Rock. A late, very large, solid, fine strain..... 30 90 3 00

Perfection Drumhead Savoy. A splendid strain, producing very large solid heads of a rich, dark green..... \$0 25 \$0 75 \$2 50

Premium Flat Dutch. Selected strain of immense size, and a sure header, tender, crisp and of delicious flavor..... 25 60 2 00

Surehead. One of the best sorts grown, producing large flattened heads, ranging in weight from ten to fifteen pounds. (*See illustration on cover of Catalogue.*)..... 25 75 2 50

Winnigstadt. Medium to large conical-shaped heads, very solid; an old and reliable variety which has not been supplanted in public favor..... 20 60 2 00



EARLY WINNIGSTADT.



Carrots

*Carotte.**Mohren.**Zanckhoria.*

One ounce will sow one hundred and fifty feet of drill; three pounds are required for an acre. The most suitable soil is a rich, deep, sandy loam, not too recently manured. Sow rather thinly in drills twelve to fifteen inches apart, according to the sorts, thinning out to six or seven inches between the plants. In field culture the rows should be at least two feet apart, so that the crop can be worked with the horse cultivator.



DANVER'S HALF-LONG.



CHANTENAY.



LONG ORANGE.

	Oz.	¼-lb.	Lb.
Chantenay. Handsome roots, smoother and more uniform than the Danvers.....	10	20	50
Danver's Half-Long Orange. In form midway between the Long Orange and Short Horn; of a rich dark orange color and very smooth.....	10	20	50
Earliest French Forcing. Roots small, globe shaped; delicious flavor; the very best early.....	10	30	75
Early Scarlet Horn. Deep red flesh, tender and delicate.....	10	20	60
Guerande or Oxheart. A thick growing variety, five or six inches long and very blunt at the lower extremity; grows very rapidly, is tender and of good flavor and a variety we can recommend for either market or family use.....	10	25	75
Half-Long, Stump-Rooted. Smooth and handsome; a popular favorite.....	10	20	50
Improved Long Orange. A careful selection; bright orange-red; excellent for main crop.....	10	20	50
Long White Belgian. A productive variety for field culture.....	10	15	40

Chervil.

*Cerfeuil.**Garten-Kerbel.**Perifollo.*

One ounce will sow fifty feet of drill. Sow in rows one foot apart, and cover very lightly. When the plants show themselves thin out to twelve inches apart in the drills.

	Oz.	¼-lb.	Lb.
Curled. Used in soups and salads; also for garnishing.....	\$0 15	\$0 40	\$1 00
Tuberous-Rooted. A variety with edible roots.....	20	75	2 50

Chicory.

*Chicoree.**Sichorie.**Endivia.*

One ounce will sow one hundred feet of drill. Sow in rich soil in rows one foot apart, and thin to nine inches in the row. In the fall lift the roots, pack in boxes and blanch in dark cellar.

	Oz.	¼-lb.	Lb.
Common (<i>Barbe de Capucine</i>). Much prized as a salad.....	\$0 10	\$0 30	\$1 00
Large-Rooted. Roots of this variety are used as a substitute for coffee.....	10	30	1 00



Celery

Celeri.

Selleri.

Apio.

One ounce will produce seven thousand plants.

Sow in light, rich soil, in shallow drills, and cover the seed lightly with finely-sifted mold. Prick the seedlings out into beds of very rich soil, three inches apart. Water freely and shade from sun until established. When the plants are five to six inches high, transplant to rows three to four feet apart according to the variety, allowing eight inches between the plants in the row. Cultivate freely and earth up to blanch the stems, pressing the soil firmly around the plant almost to the top, care being taken not to cover the tops of center shoots. Remember that this crop well repays generous treatment.

Oz. ¼-lb. Lb.



GIANT PASCAL.

Boston Market. An old favorite, of half-dwarf habit, but robust growth, produces numerous small shoots from the sides; crisp and of mild flavor

\$0 15 \$0 40 \$1 25

Giant Pascal. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time; the heart is golden yellow, very full and attractive in appearance

20 60 1 50

Golden Self-Blanching. An early, beautiful and in every way desirable sort, requiring but little labor to blanch; the heart is a rich golden yellow, with light yellowish green outer leaves

25 75 2 00

Improved Golden Dwarf. The best of half dwarf varieties, stalks large and full, the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper

15 40 1 25

Kalamazoo. A large, ribbed, good half-dwarf; favorite market sort

Oz. ¼-lb. Lb.
\$0 20 \$0 50 \$1 50

Pacific Pink. In common with all reds this variety is of superior nutty flavor, rich and solid and keeps remarkably well; the delicate rose shading makes it very ornamental on the table

30 90 2 50

Perfection Heartwell. A very large solid growing variety of excellent flavor and a creamy white color. In size it is between the Golden Dwarf and Large White Solid; the stocks are clear with large golden yellow heart, considered by many the finest of all varieties

30 90 2 50

White Plume. A very popular variety on account of being so easily blanched; in large plants the stalks, hearts and inner leaves are naturally white; the table qualities compare favorably with other sorts

20 50 1 50

Soup or Flavoring Celery. (*Old Seed.*) Used for flavoring soups, stews, pepper sauce, &c.

05 10 30

Celeriac

Grown exclusively for its roots; excellent for salads, for seasoning meats and flavoring soups.

Large Smooth Prague. A variety of celery with turnip-shaped roots; white-fleshed, comparatively tender, with the flavor of celery stalks.

Oz. ¼-lb. Lb.
25 75 2 50



GOLDEN SELF-BLANCHING.



Corn

Mais.

Welschkorn.

Maiz.

 Our Seed Corn is all Eastern grown and will be found of the highest grade of quality and germinating power.

One pound will plant one hundred hills; eight pounds will plant one acre. Plant in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. Field varieties should be planted four feet apart each way; hoe and cultivate frequently.

Sweet or Sugar Corn

Black Mexican. Sweet and desirable for family use; when dry the kernels are black, but the corn, when in condition for the table, cooks remarkably white and is not excelled in tenderness by any other sort.....

Lb. 100 lbs.

\$0 10 \$7 00

Early Crosby. One of the best early sorts; of dwarf habit, good-sized ears.....

10 8 00

Early Minnesota. Small ears of excellent quality; very productive.....

10 8 00

Extra-Early Cory. Very early; good-sized ears, large kernels.....

10 9 00

Hickox Improved. From one to two weeks earlier than Evergreen; has a large attractive ear with white cob and grain and remains in condition for use a long time.....

10 7 00

Late Mammoth. The largest variety grown; excellent for market.....

10 7 00

Perry's Hybrid. Very early; large size; succulent and tender.....

10 8 00

Stabler's Early. Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is desirable for canning.....

10 8 00

Stowell's Evergreen. The best and one of the sweetest; ears large, remaining green longer than any other variety.....

10 8 00



STOWELL'S EVERGREEN AND EARLY MINNESOTA.

Field Corn

Dakota Dent. The earliest variety grown; a superior selection

Lb. 100-lbs.

\$0 08 \$6 00

Kansas King. A new variety of medium high and very strong stalks, generally bearing two ears to the stalk; the grains are white and very large, while the cob is small like Hickory King; the ears weigh heavy, averaging nearly one pound each, and have ten to fourteen rows

09 7 50

Improved Leaming. (*Yellow Dent*.) Ears of good size, cob red and small with a deep large grain of bright yellow; very early and does well on land where other varieties of Dent corn often fail.....

08 6 00

Pride of the North. A very early golden Dent variety; short, well-filled ears, twelve to sixteen rowed.....

08 7 00

Yellow Flint. Produces large, handsome ears; very prolific.....

08 5 50

Pop Corn, Rice. Well-known variety; used for parching

07 6 00

Pop Corn, White Pearl. An improvement on the old white.....

06 5 00

Corn=Salad or Fetticus

Mache.

Stecksalat.

Canonigos.

One ounce will sow sixty feet of drill. Mellow, rich soil, in a rather open situation, is desirable. The drills should be six inches apart and very shallow, not more than a quarter of an inch deep. Thin the plants to four inches in the row, and keep well cultivated.

Large Seeded. The best variety for general use.....

Oz. 1/4-lb. Lb.
\$0 10 \$0 25 \$0 75



Cress or Pepper=Grass

*Cresson.**Kresse.**Mastuerzo.*

One ounce will sow one hundred feet of drill. Sow thickly in shallow drills about six inches apart; repeat at short intervals, as it soon runs to seed. The seed of water cress should be scattered by the side of running water or near springs, and is soon in full bearing and lasts a long time.

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Extra-Curled. Of beautiful appearance and fine flavor.....	\$0 10	\$0 15	\$0 50
True Water-Cress. Mild and tender.....	50	1 50	5 00

Cucumbers

*Concombre.**Gurke.**Pepino.*

One ounce will plant one hundred hills; two pounds will plant one acre. They succeed best in a warm, moist rich, loamy soil. Plant in hills four feet apart each way. Leave four of the strongest plants to each hill but do not thin out until plants are strong enough to resist the attacks of insects. The English forcing varieties can be grown in hot-beds where the temperature does not fall below 65 degrees at night. Many of this class grow from 20 to 30 inches in length.



IMPROVED WHITE SPINE.

Early Russian. Earliest in cultivation, hardy and prolific; only about three inches long; fine for pickles and unsurpassed for table use; remarkably solid, with very few seeds and of best quality

	Oz.	$\frac{1}{4}$ -lb.	Lb.
.....	\$0 10	\$0 25	\$0 60

Extra-Long Green. Handsome in shape and color; very desirable.....

10	25	60
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Gherkin. Used only for pickles. Known also as West Indian Burr.....

15	50	1 50
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Giant Pera. Of delicious flavor, crisp and tender at all stages of growth; they grow to an enormous size, are smooth and straight with beautiful green skin. Oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., 75c.

Green Prolific. (*Boston Pickling.*) Very early and productive, crisp and tender; the most popular variety for pickling. Oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 60c.

Improved White Spine. Very popular; flesh crisp and of good flavor. Oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 60c.

Japanese Climbing. A new variety of vigorous growth; comes into bearing quickly and sets its fruit constantly throughout the season; fruit of large size, skin dark green, flesh pure white and never bitter Pkt., 10c; oz., 25c.

Oz.	$\frac{1}{4}$ -lb.	Lb.
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Nichol's Medium Green. Of beautiful color; very uniform in shape and size.....

\$0 10	\$0 25	\$0 60
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Thorburn's Everbearing. Very early and enormously productive; the peculiar merit of this variety is that the vines continue to flower and produce fruit, whether the ripe cucumbers are picked off or not, thus becoming almost a perpetual bearer.....

10	30	1 00
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Forcing or Frame Cucumbers

These require to be grown in a green-house or hot-bed, and produce handsome fruits both in form and color, attaining a length of from 20 to 30 inches. The following are the cream of the many popular sorts:

Duke of Edinburgh. White-spined variety.

Improved Sion House. Fine shape, size and flavor.

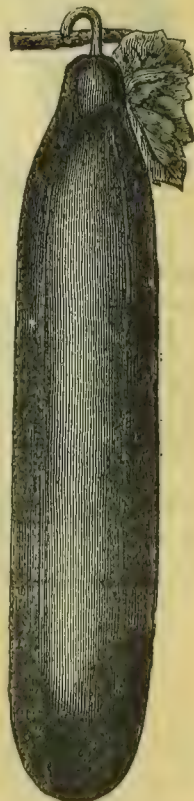
Lockie's Perfection. Excellent in shape and quality.

Marquis of Lorne. White-spined variety, of immense size.

Rollison's Telegraph. Very prolific, early.

Tender and True. Fine form, good color.

Per pkt. of 10 seeds,
25 cents.



GIANT PERA.



Dandelion

*Pissenlit.**Pardebblum.**Amargon.*

One ounce will sow two hundred feet of drill. The seed should be sown in drills eighteen inches apart and half an inch deep. The leaves are best for salad when blanched, which can be done by partially shading the rows with boards.

	Oz.	¼-lb.	Lb.
Improved Broad-Leaved. Twice the size of the common variety	\$0 30	\$1 00	\$3 00

Egg-Plant

*Aubergine.**Eierpflanze.**Berengena*

One ounce will produce two thousand plants. A strong, uniform heat is required to germinate these seeds, and a thoroughly pulverized, well-enriched, warm soil is necessary to perfect the fruit. Transplant to three feet apart each way, and when about a foot high, support the plants by drawing the earth up around them.

	Oz.	¼ lb.	Lb.
Black Pekin. Fruit round and solid and jet black	\$0 40	\$1 25	\$4 00
Long Purple. Early, hardy and productive	30	1 00	3 50
New York Improved. The best; very large and of fine quality	50	1 50	5 00

Endive

*Endive.**Endivie.**Endivia.*

One ounce will sow one hundred and fifty feet of drill. Sow in any ordinary dry soil, in drills one foot apart, covering lightly. When the plants are about two inches high, thin to about twelve inches in the row. When the plants have attained full size, gather up the leaves, tying together at the tips. This excludes the air from the inner leaves, which in the course of three or four weeks, will become beautifully blanched.

	Oz.	¼-lb.	Lb.
Broad-leaved Batavian. A large summer variety; very productive, and one of the best	\$0 10	\$0 30	\$1 00
Green Curled. Best for general use; very ornamental	10	30	1 00
White Curled. Similar to above; pale green foliage	20	50	1 50

Kale or Borecole

*Chou vert Frise.**Blatterkohl.**Col.*

One ounce will produce three thousand plants. With the exception of sea kale, the varieties under this heading are treated as directed for cabbage, and transplanted from the seed-beds to the ground, allowing two feet between each. Sow sea kale in drills one foot apart, and when ready transplant the roots, allowing two and a-half feet between each.

	Oz.	¼-lb.	Lb.
Dwarf German Green Curled. (<i>Dwarf curled Scotch Kale.</i>) Dwarf compact grower; densely crisped green leaves, tender and delicate in flavor; makes excellent greens for Winter and Spring use	\$0 10	\$0 25	\$0 90
Dwarf Brown or Purple. Similar to the preceding except in color	10	30	1 00
Sea Kale. A splendid vegetable when blanched and eaten as asparagus	25	75	2 50

Kohl=Rabi

(Turnip-Rooted Cabbage)

*Chou Rave.**Kohlrabi.**Colinabo.*

One ounce will produce twenty-five hundred plants. Sow in rows eighteen inches apart, afterwards thinning to eight or ten inches. When young, Kohlrabi is a delicate and palatable vegetable, and is very popular in Germany and other countries of Europe, where it is more generally used than in America.

	Oz.	¼-lb.	Lb.
Early Purple Vienna. A favorite and successful table sort; largely grown	\$0 20	\$0 60	\$2 50
Early White Vienna. The best variety; tender white flesh; very popular where known	25	75	2 50
Large White or Green. Excellent variety for farm culture; finds a ready sale in the vegetable markets	15	50	1 50



Leek

Poireau.

Lauch.

Puerro.

One ounce will sow one hundred feet of drill. Succeeds best in a light rich soil. Sow in drills one inch deep and one foot apart; when six or eight inches high transplant in rows ten inches apart and set deep, so as to blanch as much of the neck as possible.



AMERICAN FLAG.

	Oz.	¼-lb.	Lb.
American Large Flag. Of strong, vigorous growth; the best of all.....	\$0 20	\$0 50	\$1 50
Giant Carentan. A favorite European sort of mild flavor.....	20	50	1 50
Large Rouen. Grows to large size; hardy and of excellent quality.....	20	50	1 50

Lettuce

Laitue.

Lattich.

Lechuga.

One ounce will sow two hundred feet of drill, and produce about two thousand plants. Sow thinly in rows one foot apart, and thin out to eight to twelve inches apart. To produce handsome heads, crisp and tender, a very rich, moist soil is necessary; give plenty of water and keep the soil thoroughly cultivated. If sown every two or three weeks, lettuce may be had the entire season.

	Oz.	¼-lb.	Lb.
Alaska. Of medium size, with solid heart, the outer leaves fluted and curled, and shading from green to golden yellow, giving it a very attractive appearance; of delicious flavor, tender and crisp; does not run to seed as rapidly as other varieties, but remains fit for table a long time.....	\$0 20	\$0 50	\$1 50

Californian Cream. Resembles the Large Passion Lettuce; forms a fine solid head, outside leaves of a medium green color, slightly marked with brown spots, the heart being of a rich creamy yellow.....

Curled Simpson, Black Seed. Superior variety; twice the size of the white-seeded variety.....

Curled Simpson, White Seed. Beautifully curled; tender, crisp.....

Denver Market. This is an early variety of head lettuce, either for forcing or open ground. It forms large,

	Oz.	¼-lb.	Lb.
solid heads, and is very slow to run to seed. The leaves are curled and crimped (like Savoy Cabbage), and are very tender and crisp. The crimped leaves distinguish it from any other kind of lettuce now grown	\$0 20	\$0 50	\$1 25

Grand Rapids. An excellent market sort, matures quickly, of large size and handsome appearance, crisp and tender and will keep from wilting after cutting longer than any other sort.....

Improved Hanson. Deliciously sweet; very crisp and tender; immense size.....

Mammoth Black-Seeded Butter. Very large heads; close, crisp and delicious.....

Paris White Cos. (Romaine.) A French favorite; of upright growth and good quality.....

Prize Head. Superb flavor; very tender and does not readily run to seed.....

Salamander. Stands a greater amount of heat without running to seed than any other sort.....

Tennis Ball, Black Seed. Handsome heads; crisp and tender.....

Tennis Ball or Boston, White Seed. Small-sized early sort.....

Trianon Self-Closing Cos. Best of all the Cos sorts; stands heat well.....

White Summer Cabbage. Very popular; of fairly good quality.....

Yellow Seeded Butter. A very distinct sort, making a compact yellow head, of excellent flavor, withstands heat well, and remains crisp and tender.....



	Oz.	¼-lb.	Lb.
other sort.....	15	40	1 25
Tennis Ball, Black Seed.....	20	50	1 50
Tennis Ball or Boston, White Seed.....	20	50	1 50
Trianon Self-Closing Cos.....	15	40	1 25
White Summer Cabbage.....	20	50	1 50
Yellow Seeded Butter.....	15	40	1 25



Melon, Musk

Melon Muscade.

Cantalupen.

Muscatel.

One ounce will plant eighty hills; two pounds will plant an acre. A light, warm, rich soil is essential for this crop. Plant in hills six feet apart each way, using six to eight seeds in the hill. After all danger of destruction by bugs is over, thin out to three plants to a hill; when about one foot long, pinch off the tips to make them branch. This strengthens the growth of the vines, and makes the fruit mature early.



CHAMPION MARKET.

Banquet. A medium sized melon of perfectly round shape, with skin densely netted over its entire surface, making it in appearance one of the handsomest melons ever seen. The flesh is a dark, rich salmon color, uniformly thick and of a granulated character, which always indicates a good melon. \$0 15 \$0 40 \$1 25

Champion Market. Handsome, early-ripening fruits, uniformly large and globular, averaging six pounds each; they keep and ship remarkably well, owing to the thin but tough rind, and the solidity of the flesh, which is delicate, sugary and juicy.

	Oz.	¼-lb.	Lb.
ably well, owing to the thin but tough rind, and the solidity of the flesh, which is delicate, sugary and juicy	10	25	75
Delmonico. The fruit is large, oval, heavily netted and thick meated; flesh a beautiful orange pink, rich and delicious.	10	30	1 00
Emerald Gem. Early and of superior flavor and quality; the flesh is light red or salmon, thick, juicy and luscious in flavor.	10	25	75
Extra Early Hackensack. Fully ten days earlier than the old variety, but almost equal in size; very productive, averaging five to six melons on the vine; handsomely netted and of excellent flavor.	10	25	75
Green Citron. Round, deep-netted melons of medium size; flesh thick, light green, sweet and delicate. One of the best green-fleshed varieties.	10	25	75
Improved Orange Christiana. Very early, delicious; bright orange flesh.	10	30	1 00
Jenny Lind. Small, early; green fleshed variety.	10	25	75
Large Yellow Cantaloupe. An old standard and still very popular.	10	25	60
Nutmeg. Densely netted, deeply ribbed; green-fleshed variety.	10	25	75
Osage or Miller's Cream. An egg-shaped variety growing to a medium size; skin thin, of a dark green color and well netted; flesh of a salmon pink color, remarkably sweet and spicy in flavor, extremely thick and delicious to the rind.	10	25	75
Shunway's Giant. Of enormous size but entirely free of the rank flavor so often found in large melons; flesh salmon-colored, thick, fine grained, of delicious flavor, sugary and melting.	10	30	1 00
Winter Pineapple. A recent introduction of great value. The skin is corrugated instead of netted and is of a dark green color tinged with yellow. The color of the flesh is delicate lemon-yellow, and it is of a distinct and delicious pineapple flavor not possessed by any other variety. The fruits rarely ripen on the vine, but should be picked off and stored in a cool dry place where they will gradually ripen. It is usually necessary to place them in a warm room for three or four days before using so as to ripen them up thoroughly.	10	30	1 00



Melon, Water

Melon d'Eau.

Wassermelon.

Zandia.

One ounce will plant thirty hills; four pounds will plant an acre. The culture of water melons differs from that of musk melons mainly in that the hills should be wider apart, from eight to ten feet, according to the variety grown. An effort should be made to secure good, strong vines early in the season, and this can best be done by taking care that the hills are large, mellow and well-drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection from insects should be given the young plants, and their growth may be hastened still further by frequent applications of liquid manure. As a protection from insects, netting is frequently used, and also dry ashes or coal dust sprinkled over the leaves when wet. Plant the seeds thickly, and thin the plants to four of the strongest in each hill.



	Oz.	$\frac{1}{4}$ -lb.	Lb.
Boss. A distinct, very early variety, oblong in shape, skin very dark green, flesh deep scarlet, sugary, melting and of fine flavor, enormously productive and considered by many the best table melon for family use	\$0 10	\$0 25	\$0 70
Citron. (For preserving.) Red-seeded; small, round, handsome fruit	10	25	75
Colorado Preserving. This is quite distinct from the preceding variety, the seeds being of light green color. It is immensely productive. The flesh is very firm and solid, with few seeds. The preserving qualities are the very finest; it makes beautiful, clear, nearly transparent preserves, of surpassingly fine flavor	15	40	1 00
Cuban Queen. Remarkable for the size, weight and solidity of its fruits, which frequently weigh 80 pounds. The rinds are striped with light and dark green, thick, and tough enough to bear shipping well; flesh bright red, crisp, melting and delicious	10	25	65
Dixie. We consider this the best water melon there is; the vines are vigorous, hardy and prolific; the fruits large, oblong, striped; rind thin and tough; flesh bright scarlet, very sweet, tender and juicy	10	25	75
Green and Gold. Nearly round in shape, skin dark green, flesh of a beautiful yellow color and of excellent quality	10	25	75
Jordan's Gray Monarch. Skin of a very light green color; attractively mottled; flesh of a deep red color and of fine quality	10	25	75
Kolb's Gem. Of uniform round shape, growing to a fair market size; rind hard and tough and lightly striped with light and dark green; flesh bright red and of average quality	10	25	75
Lodi or San Joaquin. A well known large cream colored variety of uniform, medium size; pink flesh; sweet and delicious	10	20	60
Mammoth Iron-clad. Excellent; of large size and weight, average nearly fifty pounds each, flesh deep red and of a delicious, rich flavor. Unsurpassed for shipping	10	20	60
Mountain Sweet. An old standard variety; size, large; flavor, good; rind, thin; dark in color; best for garden culture	10	20	60
Phinney's Early. The earliest of all varieties, medium size, oval, quick growing, thin rind, red flesh, sweet and delicious	10	20	70
Pride of Georgia. A southern favorite, and a good shipper. Fruits large, oval, ridged like an orange; flesh tender, juicy, sweet and delicate	10	25	70
Ruby Gold. A seedling from Green and Gold, quite handsome in the coloring of its flesh, which is golden yellow-striped and blotched with bright red and pink; it ripens close to the rind, is solid to the center, having no core or stringiness whatever, and is tender, very juicy, rich, sweet and melting. The fruits are sometimes more than two feet long, and weigh from forty to sixty pounds	10	25	70



Mushroom Spawn

Blanc de Champignon.

Champignonbrut.

Seta.

Mushrooms may be grown in cellars, under benches of greenhouses or in sheds, wherever a uniform temperature of fifty degrees can be maintained. The beds should be made according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse-dung, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proportions for a bed; but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often



MUSHROOMS.

to see that it does not get dry. Take special care however, when water is given, that it be at a temperature of about 100 degrees. Fuller instructions on the management of this crop will be found in "Mushroom Culture," by W. Robinson, which will be sent free by mail for, fifty cents.

Our spawn can be depended on and being specially manufactured for us is fresh and reliable.

Mushroom Spawn, English. Per lb., by mail, 30 cts.; 7 lbs, per express, not paid, \$1.00.

French. Per lb., by mail, 50 cts.; three-pound box, per express, not paid, \$1.25.

Mustard

Moutarde.

Senf.

Mostaza.

One ounce will sow a drill fifty feet long. Sow thickly in rows six inches apart, and when about two inches high it can be cut and used with cress, forming a pleasing pungent salad.

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Black or Brown. More pungent than the Yellow.....	\$0 05	\$0 10	\$0 25
Chinese. Leaves twice the size of the ordinary; sweet and pungent.....	10	25	75
Giant Southern Curled. This variety is highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as a salad. The plants grow about two feet high and form enormous bunches.....	10	25	75
White or Yellow. Of very rapid growth and agreeable flavor.....	5	10	25

Orka or Gombo

Gombaud.

Safran.

Quimbombo.

One ounce will plant one hundred hills. Of easy cultivation in any good soil; plant about two inches deep in drills two and one-half feet apart. When well established thin to ten and twelve inches apart and keep the soil well worked, and occasionally draw a little around the stalks to support them. The pods should be gathered while young and tender.

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Dwarf Density. Best for general crop; tender long pods.....	\$0 15	\$0 35	\$1 25
White Velvet. Handsome and productive; long smooth white pods.....	10	25	75



Onions

Oignon.

Zwiebel.

Cebolla.

One ounce will sow a hundred feet of drill; six pounds will plant one acre. A clean, deep, rich soil thoroughly worked is the best for this crop. Get the seed in as early as possible, for if the onions do not get a good start before the hot, dry weather the crop is sure to be a failure. Sow in shallow drills not less than a foot apart; when the plants are about three inches high, thin to the distance of three or four inches, according to variety. In doing this disturb those that remain as little as possible.



WHITE PORTUGAL.

Creole or Louisiana. In color this variety may be described as between the Strasburg and Wethersfield, while in size and rapidity of growth it resembles the Italian sorts, but in flavor is much stronger. In the neighborhood of New Orleans it has been grown for many years, and is very popular—deservedly so—it having no superior as a shipper to the Northern markets.

Oz. ¼-lb. Lb.

El Paso or Large Mexican. A rapid growing, very large, mild, white-fleshed variety; color of the skin variable from white to light red.....	\$0 30	\$1 00	\$3 00
Extra Early Barletta. As a pickling onion this has no superior, being small and handsome in shape, and of pearly whiteness, while for bunching for the market its extreme earliness renders it indispensable.....	30	90	3 00
Extra Early Red Flat. Of medium size, flesh close grained, solid and of mild flavor; very early and productive.....	20	75	2 50
Giant Red Rocca. Of large size and handsome appearance; flesh mild and delicate. From seed of this variety sown in December we obtained in the following July onions that averaged three pounds in weight.....	20	60	2 00
Prize-Taker. (See colored illustration on cover.) Grows of a uniform globular shape, of a bright straw color, fine-grained flesh of mild flavor. Read on inside page of back cover our great offer for the seven largest onions of this variety.....	25	75	2 50
Queen. A favorite pickling variety, small, very early, pure white, mild flavored and a good keeper.....	25	75	2 50
Silver King or Mammoth White Garganus. This is the largest of the white Italian onions, single bulbs often attaining a weight of from two to three pounds each; the skin and flesh are a beautiful silvery white, and the flavor mild and pleasant.	30	75	2 50
Wethersfield Large Red. The standard red variety, very productive and an excellent keeper.....	20	60	2 00
White Globe. A large, beautifully shaped onion, with clear white skin, firm, fine grained flesh of mild flavor.....	30	90	3 00
White Portugal or Silver Skin. An excellent onion for family use; in shape rather flat, but in other particulars resembles the White Globe.....	25	75	2 50
Yellow Danvers. This is the flat-formed variety of this popular onion, of good size and attractive appearance; ripens early, of mild flavor and a splendid keeper.	20	50	1 50
Yellow Globe Danvers. The most reliable yellow onion that can be grown; of splendid shape, good size and enormously productive, in this respect far outclassing the flat variety.....	20	50	1 50

Onion Sets, Etc.

Plant in drills twelve inches apart and four inches between the sets. Prices are subject to market fluctuations as the season advances.

Red, White or Yellow Sets, per lb., 25 cts.

Top Onions, Potato Onions and Shallots, per lb., 25 cts.

Large quantities are furnished at prevailing market prices. Please write for quotations.



Parsley

Persil. Petersilie. Perejil.

One ounce will sow one hundred feet of drill. Sow thinly in drills one foot apart, and thin out the plants to three or four inches between each. The seed germinates slowly, sometimes three or four weeks passing before the plants appear.

	Oz.	¼-lb.	Lb.
Extra Double Curled. Very select strain of a handsome bright green color, compact and beautifully curled.....	\$0 10	\$0 30	\$0 90
Fern Leaved. A distinct and attractive dwarf variety of exquisite form and color; highly ornamental for garnishing.....	15	40	1 00
Hamburg or Turnip Rooted. The edible portion is the fleshy root, which resembles a small parsnip, and is highly esteemed for flavoring soups.....	15	40	1 00

Parsnips

Panais. Pastinake. Chirivia.

One ounce will sow two hundred feet of drill; five pounds will plant an acre. This crop requires a very rich soil. Sow in drills eighteen inches apart and one-half inch deep and thin to eight inches in the row. Besides being desirable as a table vegetable, they are valuable for feeding stock.

	Oz.	¼-lb.	Lb.
Improved Guernsey. The roots are smooth, medium long; flesh fine grained and of excellent quality; heavy cropper.....	10	20	60
Long Smooth or Hollow Crown. Of excellent flavor; tender and sweet.....	10	20	60
Student. Handsome shape and splendid flavor. It is earlier than the longer forms and especially adapted for shallow soils.....	10	20	60



IMPROVED HOLLOW-CROWN.

Peas

Pois. Erbsen. Chicaros o Guisantes.

One pound will sow sixty feet of row. Light, moderately rich soil is best for this crop. Sowing of the first early variety should be made in October, and the other varieties for successive crops, plant every two weeks until the first of April. Peas are sown in single or double rows, from two to six feet apart, according to the variety or the height to which they attain. Have the rows of the dwarf varieties two feet apart, and those of the medium sorts from three to four feet, and the tall varieties from five to six feet apart. *Wrinkled varieties are marked thus.**



FIRST AND BEST.

	Height in ft.	Pkt.	Lb.
*Advancer. A standard early market sort; prolific, tender and of delicious flavor.....	2½	\$0 10	\$0 15
*American Wonder. The earliest wrinkled variety grown; unsurpassed in flavor, quality and productiveness.....	1	10	15
Blue Beauty. Extra early; pods of medium size, well filled and borne in great profusion; not surpassed in quality and flavor by any other early round pea.....	2	10	15
*Burpee's Quality. Of robust growth; the pods are long, produced in pairs, and each contains six or eight peas which when cooked are pronounced by every one as simply delicious.....	2½	10	15
*Champion of England. A well-known standard variety, maturing rather late, but producing peas of most excellent flavor.....	5	10	15
*Horsford's Market Garden. A medium early variety; a prolific bearer; although the pods are of medium size, they are numerous and literally packed with peas of delicious, sweet flavor.....	2½	10	15
*Little Gem. Very early, fairly prolific and of excellent quality; fit for table sixty days from sowing.....	1½	10	15



PEAS—Continued

***Premium Gem.** An improvement on Little Gem, as far as size of pods and productiveness goes; very popular..... 1½ \$0 10 \$0 15

Pride of the Market. A second early or main crop variety; enormously productive, literally covered with immense pods, well filled with large and finely flavored peas.... 2½ 10 15

***Stratagem.** A vigorous grower, with very large, showy pods, containing eight to ten large peas of excellent quality..... 2½ 10 15

***Telephone.** A late variety, immensely productive; pods of large size, containing six or seven peas of a delicious sugary flavor..... 4 10 15

***Yorkshire Hero.** A well-known late variety, of good quality and fairly productive..... 2½ 10 15



STRATAGEM.

Peas with Edible Pods

Sugar, Dwarf. (Gray Seed.) Young pods used like string beans; tender and sweet..... 2½ 10 20

Sugar, Tall. (Gray Seed.) Similar to the preceding except in height. 5 10 20

Pepper

Piment. *Pfeffer.* *Pimiento.*

One ounce will produce 1500 plants. A strong uniform heat is required to germinate these seeds and a thoroughly pulverized, well enriched, warm soil is necessary to perfect the fruit. When the plants are about 3 inches high, transplant into rows 3 feet apart, and allow 2 feet between the plants.

Golden Dawn. Of compact growth and very fruitful; fruits of medium size, rich golden yellow, very thick, sweet and mild..... \$0 25 \$0 75 \$2 50

Large Bell or Bull Nose. A standard early variety, with large, thick, glossy red fruits, sweet and mild. 25 75 2 50

Large Red Cayenne. Long fruits of conical shape, bright red; flesh strong and pungent..... 20 60 2 00

Procopp's Giant. Grows to an enormous size, usually 8 to 9 inches long and 3 inches thick; of a brilliant scarlet color, thick flesh of pleasant flavor..... 35 1 00 3 00

Red Chili. Small bright red pods, very pungent; used for pickles.. 30 90 00

Ruby King. The best mild red pepper; fruit large and handsome, of a bright ruby-red color, and so mild that it may be sliced and eaten as a salad..... 30 90 3 00

Sweet Mountain. Very similar to Large Bell or Bull Nose in shape and color, but larger and milder in flavor..... 25 75 2 50



LARGE BELL OR BULL NOSE.



Pumpkin

*Potiron.**Kurbis.**Calabaza.*

One ounce will plant forty hills; five pounds will plant an acre. Plant in hills eight feet apart each way allowing three strong plants to a hill. In other respects they are cultivated as melons and cucumbers; keep separate from melons and cucumbers as they are liable to mix.



MAMMOTH POTIRON.

Mammoth Potiron. This is the true mammoth pumpkin; grows to an enormous size, some specimens having weighed over two hundred pounds; salmon-colored skin, flesh bright yellow, fine-grained and of excellent quality.....

Connecticut Field or Large Yellow.

The common field variety so largely grown amongst corn; excellent for stock feeding..

Oz. ¼-lb. Lb.

\$0 05 \$0 15 \$0 30

Early Sugar. Of small size but very prolific; skin of a deep orange yellow; flesh fine-grained and sweet.....

10 25 60

Large Cheese. Of good size and very prolific; rind and flesh orange colored, fine grained and excellent for cooking.....

10 25 60

15 50 1 25

Radish

*Radis.**Rettig.**Rabanitos.*

One ounce will sow one hundred feet of drill; two pounds will be required for one acre. Radishes do best in a light, rich soil. Sow in drills about ten inches apart, covering about half an inch, and thin the plants to two inches apart. A rapid growth is essential to produce showy, crisp radishes of a mild flavor. Sow every ten days for a succession of crops.

Non Plus Ultra. (See illustration on cover.) An extra early rapid-growing round variety fit for the table twenty-one days from sowing; being of perfect form and of a rich bright scarlet color, it is of a most inviting appearance, while the pure white flesh is always tender, crisp, juicy and of delicate flavor.....

Oz. ¼-lb. Lb.

\$0 10 \$0 30 \$0 75

Black Spanish, Long. Of large size; firm, solid, crisp flesh, keeps well.....

10 25 75

Black Spanish, Round. Globe-shaped; of good quality and flavor.....

10 25 75

California Mammoth White. A giant solid-fleshed variety; tender and of good flavor.....

15 30 1 00

Chartier Improved. A long white-tipped sort; handsome and of good quality.....

10 20 60

Early White Turnip. Very early, crisp and good.

10 25 60

Extra Early Roman Carmine. The best of all; early, crisp and delicious.....

10 25 75

French Breakfast. Olive-shaped, scarlet except near tip, which is pure white; crisp and tender..

10 25 60

Long Scarlet Short-Top. A standard sort; very long; color bright scarlet.....

10 20 60

Long White Vienna or Lady's Finger. The sweetest long white radish grown; highly recommended for home use.....

10 30 75



CHARTIER.

Oz. ¼-lb. Lb.

\$0 10 \$0 30 \$0 75

10 25 60

10 25 75

Olive-Shaped Scarlet. Of bright color; tender and excellent.....

Scarlet Turnip. Rich color; very early, sweet and crisp.....

White Strasburg. Of large size; flesh very white, crisp and tender.....

Rhubarb

Rhubarbe. Rhabarber. Ruibarbo.

One ounce will sow one hundred and twenty-five feet of drill. The seed bed should be of light, rich soil. Sow very thinly in rows one foot apart, and cover the seed about one inch. When the plants are two inches high, thin to the distance of six inches in the drill. In about six months they will be strong enough to set out in their permanent location, the distance allowed being about three feet each way.

	Oz.	¼-lb.	Lb.
Linnaeus	\$0 20	\$0 50	\$1 75
Mammoth Monarch	25	75	2 50
Victoria	20	50	1 75

Roots of either variety, \$1.50 per dozen, by express, at purchaser's expense.

Salsify or Vegetable Oyster

Salsifs. Haferwurzeln. Ostra Vegetal.

One ounce will sow a drill sixty feet; five pounds will sow one acre. The soil should be rich and well worked to a depth of at least eighteen inches. Sow in drills fifteen inches apart, covering the seeds with fine soil an inch and one-half in depth. When the plants are strong enough, thin them out to about nine inches apart.

	Oz.	¼-lb.	Lb.
Large White French. Small-growing, but of good flavor.....	\$0 10	\$0 30	\$1 00
Mammoth Sandwich Island. A great improvement on the old variety; very large..	15	50	1 50

Sorrel

Oseille. Sauerampfer. Acedera.

An ounce will sow one hundred and fifty feet of drill. Sow in rows fifteen inches apart and one-half inch deep; thin the seedlings out to ten inches apart in the row. Cultivated for its leaves, which possess a very fine flavor boiled and served like spinach; also much used as salads.

	Oz.	¼-lb.	Lb.
French Broad-Leaved. Much valued on account of its large leaves and pleasing acidity.....	\$0 15	\$0 40	\$1 25

Spinach

Epinard. Spinat. Espinaca.

One ounce will sow one hundred feet of drill; ten pounds will sow an acre. An exceedingly rich, well-worked soil is necessary. Sow thinly in drills one foot apart and half an inch deep. When the young plants are established, thin out to the distance of three or four inches in the row, and in a future thinning every alternate plant may be removed, as spinach does not do well when crowded.

	Oz.	¼-lb.	Lb.
Long Standing. An improved variety of great merit, with large, thick leaves of a dark green color; greatly appreciated because it goes to seed much later than any other variety.....	\$0 10	\$0 15	\$0 40
Prickly. A very hardy variety; strongly recommended.....	10	15	40
Perpetual or Spinach Beet. Produces a great abundance of green leaves, and as soon as one gathering has been made, a fresh crop appears, thus insuring a constant supply of this valuable vegetable.....	10	25	75
Viroflay. A large-leaved variety; grown largely in many localities.....	10	15	40
New Zealand. Withstands heat and drouth and produces leaves in great abundance throughout the summer in the hottest climates, where ordinary spinach will not do well; should be transplanted three feet apart each way, into light, rich soil.....	10	30	1 00



Squash

Cource.

Kuchen Kurbis.

Calabaza.

One ounce will plant fifty hills; four to six pounds, according to variety, is required for one acre. Plant in well-manured hills, the bush varieties three or four feet apart, and the running sorts from six to eight feet. Eight or ten seeds should be allowed to a hill, thinning out after danger of bugs is over, and leaving three of the strongest plants to a hill.



SUMMER CROOKNECK.

- Mammoth Chili.** The largest of all, often attaining a weight of two hundred pounds; flesh bright yellow, thick and of good quality.....
- Mammoth White Bush Scallop.** Earlier than the common variety and at least double the size; is a continuous bearer from early in the season until late in the Fall; a splendid variety for market.....
- Perfect Gem.** An excellent variety, creamy white, fine-grained and splendid flavor..
- Summer Crookneck.** A good summer sort; golden skin; warted; of especially fine and delicate flavor.....

Boston Marrow. Has a thin bright orange skin; rich salmon yellow flesh, fine-grained, sweet and dry; is a splendid table squash.....

California Field Marrow. An excellent and nutritious food for stock.....

Canada Crookneck. Very robust and suffers less from insects than many other sorts; excellent for pies.....

Early White Scallop Bush. Very early; productive, sweet and good

Hubbard. Flesh fine-grained, dry and sweet; the best keeper.....

Oz.	¼-lb.	Lb.
\$0 10	\$0 25	\$0 75
5	15	40
10	25	75
10	20	60
10	20	60
10	30	75
10	25	75
10	20	60
10	20	60

Tomatoes

Tomato.

Liebesaffel.

Tomates.

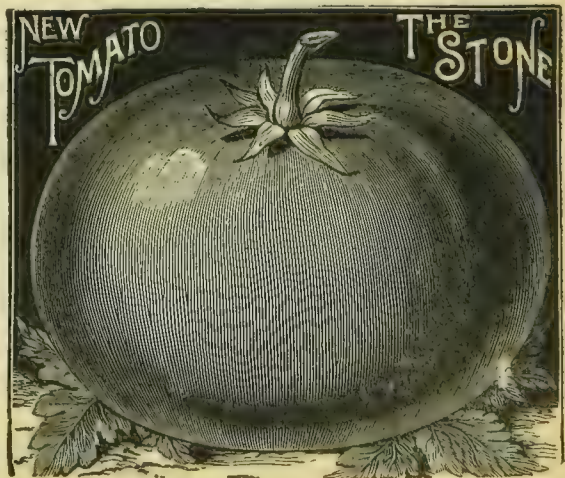
An ounce will produce fifteen hundred plants: four ounces will produce enough for one acre. They do best on a light, warm not over-rich soil, and success depends to a very great extent on securing a rapid, vigorous, unchecked growth the early part of the season. Transplant as soon as the plants are fit to handle, into shallow boxes, setting them four or five inches apart. When strong and stocky, set out in hills four feet apart. By training the vines on trellises or other supports, they will be more productive, and the fruit will be of much better quality.

Acme. One of the most popular early varieties, of medium size, round and smooth, purplish pink skin; good bearer. Oz., 20 cts.; ¼-lb., 60 cts.; lb., \$2.00.

Beauty. Fruit glossy crimson, large, smooth and solid; never cracking and holding its size well throughout the season. Oz., 25 cts.; ¼-lb., 75 cts.; lb., \$2.50.

Dwarf Champion. Distinct in foliage and habit of growth, the plants being compact, stocky and upright and requiring no support. Fruit is smooth, of medium size, fairly solid, has no hard core and is of good flavor; in cor.

Favorite. A favorite variety on account of its smooth handsome fruit, which is of a rich dark red color, flesh very firm and very free from rot.....



Oz.	¼-lb.	Lb.
\$0 30	\$0 90	\$3 00
20	60	2 00



TOMATO — Continued

Lemon Blush. Skin and flesh bright lemon yellow with a faint tint; flesh tender and melting and much less acid than that of the red varieties. Pkt., 10 cts.; oz., 40 cts.



TOMATO—MATCHLESS.

Long-Keeper. Very early and productive; free from rot and remarkable for its long-keeping qualities. Oz., 25 cts.; $\frac{1}{4}$ -lb., 75 cts.; lb., \$2.50.

New Stone. Very large and of a bright scarlet color; exceedingly solid and firm fleshed, not liable to rot; one of the best shippers there is. Oz., 30 cts.; $\frac{1}{4}$ -lb., 90 cts.; lb., \$3.00.

Perfection. An old favorite, bright scarlet, solid and rich. Oz., 20 cts.; $\frac{1}{4}$ -lb., 60 cts.; lb., \$2.00.

Ruby. In symmetry of form and beauty of color without an equal; fruit large and of uniform shape, perfectly smooth, of a deep rich crimson color, solid and entirely devoid of all unpleasant acidity. (See colored illustration on back cover.) Oz., 30 cts.; $\frac{1}{4}$ -lb., 90 cts.; lb., \$3.00.

Strawberry or Ground Cherry. Known also as **Husk Tomato.** Unequalled for canning or preserving, and dried in sugar, as raisins or figs to use in fruit cake, they are unexcelled. Besides being attractive and useful, they are quite a curiosity. Oz., 25 cts.; $\frac{1}{4}$ -lb., 75 cts.; lb., \$2.50.

Terra Cotta. A recent introduction, entirely distinct in color, form, skin and flesh; the skin is lustreless and slightly downy; the flesh is firm, tender and of mild flavor. Pkt., 10 cts.; oz., 40 cts.

Trophy. Large and solid; unsurpassed in flavor and productiveness; has been a standard variety for many years. Oz., 20 cts.; $\frac{1}{4}$ -lb., 60 cts.; lb., \$2.00.

Yellow Plum. Handsome variety; skin and flesh deep yellow. Oz., 25 cts.; $\frac{1}{4}$ -lb., 75 cts.; lb., \$2.50.

Turnips

Navet. Ruben. Nabo.

One ounce will sow one hundred and fifty feet of drill; two pounds will sow one acre. This crop does best in highly enriched, light, sandy soil. Sow in drills from twelve to fifteen inches, and thin early to eight or nine inches apart. Have soil rich and deeply cultivated.

	Oz.	$\frac{1}{4}$ -lb.	Lb.
Extra-Early Purple-Top Milan. Earliest in cultivation; white flesh, hard, solid, fine grained and of excellent flavor.	\$0 10	\$0 25	\$0 75
Golden Ball or Orange Jelly. Very handsome; rich, pale yellow flesh unsurpassed for excellent table qualities.	10	20	60
White Egg. Skin and flesh of snowy whiteness; sweet, firm and fine grained; excellent either for early or late sowing.	10	20	60
White Flat Dutch. Very early; white flesh, solid and mild.	10	20	60
White French or Rock. Grows to a large size, good for either table or stock; sweet and mild flavored.	10	25	75
Yellow Aberdeen. Good keeper; usually grown for stock feeding.	10	20	60

Yellow Stone. The best yellow-fleshed variety for table use; delicious quality. Oz., 10 cts.; $\frac{1}{4}$ -lb., 25 cts.; lb., 75 cts.



TURNIP, PURPLE-TOP MILAN.

Ruta-Baga

Improved American. The standard variety: solid flesh of superior quality; good for table or stock.	\$0 10	\$0 25	\$0 75
Laing's Improved. Handsome variety of excellent quality.	10	20	60
Skirving's Purple-Top. A first-rate variety and keeps well.	10	20	60



Herbs and Medicinal Plants

No garden is complete without a few aromatic herbs for flavoring soups, etc., and care should be taken to harvest them properly. They should be cut just before they come into full blossom, and should be cured by being tied in bunches and hung up or spread thinly on a floor where they will dry quickly. This class of plants does best in mellow, and not too rich soil. The best general directions for sowing are, to cover the seeds about twice their own thickness; when up, thin the plants out, so that they may have sufficient light and air, and not be so crowded as to get drawn and unhealthy. Varieties with a * are perennials.

	Pkt.	Oz.		P.t.	Oz.		Pkt.	Oz.
Anise.....	\$0 05	\$1 03	*Henbane.....	\$0 05	\$0 20	Saffron.....	\$0 05	\$0 15
*Balm.....	5	30	*Hop.....	5	20	Sage.....	5	20
Bene.....	5	20	*Horehound.....	5	30	Summer Savory.....	5	20
Borage.....	5	15	Hyssop.....	5	30	Sweet Basil.....	5	20
*Caraway.....	5	10	*Lavender.....	5	20	Sweet Marjoram.....	5	25
Catnip or Catmint..	5	40	*Pennyroyal.....	10	60	*Thyme.....	5	40
Coriander.....	5	10	Pot Marigold.....	5	15	*Winter Savory.....	5	30
Dill.....	5	10	*Rosemary.....	5	50	*Wormwood.....	5	35
*Fennel.....	5	15	*Rue.....	5	20			

Tarragon Plants. (*Estragon*.) This herb cannot be supplied in seed, but we offer a limited number of strong roots, 40 cents each; \$4 00 per dozen.

Miscellaneous Agricultural Seeds, Etc.

Alfalfa. (*Erodium cicutarium*) A valuable forage plant belonging to Wild Geranium family; grows about two feet high, is highly nutritious and makes an excellent hay, greatly relished by stock, in fact as much so as when eaten in the green state. Per Lb. \$1 00

	Lb.	100 lbs.		Lb.	100 lbs.
Broom Corn, Improved Evergreen	\$0 10	\$8 00	Sorghum, Early Orange.....	\$0 10	\$6 00
Buckwheat, Japanese.....	10	8 00	“ Halapense. Known also		
“ Silver Hull.....	10	7 00	as Arabian Evergreen Millet and		
Egyptian Corn, Brown.....	10	5 00	Johnson Grass. Remarkable for		
“ White.....	10	5 00	its adaptability to all kinds of soil		
Esparsette or Sainfoin. A peren-			and climate; especially desirable		
nial leguminous plant belonging			where there is little rainfall, as it		
to the same family as alfalfa; an			will thrive for months without		
excellent forage plant for cal-			moisture.....	15	10 00
careous soils.....	15	12 00	Reana, Luxurians. (<i>Trerosinte</i>). A		
Flax Seed. For sowing.....	10	7 00	valuable fodder plant from Cen-		
“ Ground. For feeding.....	10	8 00	tral America, resembling in		
Kaffir Corn. A non saccharine sor-			growth Indian Corn; well adapted		
ghum the stalks and blades of			to the South.....		1 50
which cure into excellent fodder,			Sunflower, Russian Mammoth....	15	12 00
and in all stages of growth is			Tobacco, Connecticut Seed-Leaf.		
available for green feed.....	15	8 00	Per oz.,.....20 cts		
Millet, White French.....	20	18 00	Tobacco, Imported Havana. Per		
“ German or Golden.....	10	6 00	oz.....30 cts		
“ Pearl or Egyptian.....	25	20 00	Vetches or Tares.....	15	9 00
Sorghum, Early Amber.....	10	6 00			

Bird Seeds, Poultry Food, Etc.

If ordered by mail ten cents per pound must be added for postage.

	Lb.	3 lbs. for		Lb.	100 lbs.
Bird Seed, Our Celebrated Mix-			Cuttle Fish Bone.....	\$0 30	
ture. Without doubt the clean-			Manhattan Egg Food. Acts as a		
est and best mixture in the mar-			relish, promotes digestion and as-		
ket, and the safest to use for pet			sists fowls in laying eggs when		
birds.....	\$0 10	\$0 25	most desired and when eggs are		
Canary. Best Sicily, re-cleaned....	10	25	high. 2-lb. box.....40 cts	25	
Hemp.....	10	25	Morris Poultry Cure. A sure pre-		
Maw. (<i>Blue Poppy</i>).....	20		ventive and positive cure for all		
Millet. Common.....	10	25	diseases of poultry. 2-lb. box \$1.00.	50	
“ White French.....	20		Oyster Shells. Ground for chickens		2 00
Rape. Sweet German.....	10	25	Washed Bird Sand. Per quart-		
Sunflower. For parrots.....	15	40	box.....10 cts		5 00

Wright's Practical Poultry Keeper. A useful book to have. By mail, prepaid, \$2.00.

SELECTED GRASS AND CLOVER SEEDS

FOR LAWNS AND PERMANENT PASTURES

Freight Charges, Express Charges and Postal Charges to be paid by purchaser.

In the following list there is briefly described the best grasses for general use. We never handle low grade or second quality grass and clover seeds, those we offer being all carefully selected of the best grades and specially re-cleaned to meet the demands of our critical trade. Prices given are those prevailing at this date (January 15th, 1895), but being subject to frequent market fluctuations throughout the season. Purchasers of large quantities should WRITE FOR SPECIAL QUOTATIONS AND SAMPLES BEFORE PURCHASING ELSEWHERE.

To Make a Handsome Lawn

The ground must be well dug, raked and leveled and every semblance of a weed root removed. After the seed is sown, which should be done on a calm, dry day, rake the seed in and roll well, or in the absence of a roller, pat the ground well with the back of a spade or shovel. Another good way is to use a good wide board and walk on it until the soil is uniformly firm. Much of the fine appearance of a lawn depends upon regularity in mowing, as if left too long before this is done, or if when well established it is not closely mown the stronger grasses will overgrow the weaker, thus destroying smoothness of surface and rendering the whole patchy and unsightly. For forming new lawns not less than sixty pounds of seed are required per acre, and for the renovation of old ones half that quantity will give good results.

Menlo Park Lawn Grass. We devote great care to the preparation of this article, and by careful tests have proved its superiority over all other mixtures. It is composed of the very choicest selected fancy cleaned grasses, entirely free from seeds of weeds, and we can with confidence recommend it to those who wish their lawns to present an evergreen, carpet-like appearance. Price, per pound, 30 cents. For the convenience of those who require only a small quantity of seed, MENLO PARK LAWN GRASS is put up in boxes containing sufficient for 300 square feet. We forward these boxes, free by mail, at 25 cents each.

	Per lb.
Bermuda or Couch Grass. (<i>Cynodon dactylon</i>). A valuable grass in hot countries and for fixing loose or sandy soils. It spreads rapidly and is easily propagated by dividing and planting in small clumps. The seed will not germinate in cold weather, hence April, May and September are the best months to sow, using at the rate of ten pounds per acre. <i>Imported seed</i>	\$1 50
Crested Dog's-tail. (<i>Cynosurus cristatus</i>). An excellent grass for hard, dry soils; of exceeding value also for pastures and lawns. When it is used alone, twenty-five pounds are required per acre....	40
Fescue, Meadow. (<i>Festuca pratensis</i>). An excellent pasture grass, its long slender leaves being much relished by cattle; succeeds best as a mixture with other grasses; if sown alone, forty pounds to the acre is required.....	25
Fescue, Sheep. (<i>Festuca ovina</i>). Grows freely in high, dry and open pastures and should enter into the composition of all mixtures for sheep pastures, as they are very fond of this grass. If sown alone thirty-five pounds are required for an acre.....	25
Hungarian Grass. (<i>Panicum Germanicum</i>). A valuable annual soiling and forage plant, that grows well in almost any soil. Sow at the rate of seventy pounds per acre.....	10
Johnson Grass. (<i>Sorghum Halepense</i>). Known also as Arabian Evergreen Millet and is one of the most valuable rapid-growing fodder plants known; on rich soil it can be cut three or four times a season; the hay is rich, juicy and tender, and relished by stock. Sow at the rate of thirty pounds per acre.....	20
Kentucky Blue Grass, Fancy Clean. (<i>Poa pratensis</i>). This is the best pasture grass for our climate and soil, and produces the most nourishing food for cattle; although it yields herbage early, it requires several years to become well established as a pasture grass. It is also a most valuable grass for the lawn, for which purpose use at the rate of sixty pounds per acre, but for pasture thirty pounds per acre will be sufficient.....	25
Orchard Grass. (<i>Dactylis glomerata</i>). The most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining longer than any other; it is well adapted for sowing under trees, and valuable either for grazing or for hay. Forty pounds are required for one acre..	25
Oat Grass, Tall Meadow. (<i>Avena elatior</i>). Recommended for mixtures for permanent pastures in dry gravelly soils; produces an abundant supply of foliage and is valuable on account of its early and luxuriant growth. Fifty pounds will sow an acre.....	30
Red-Top. (<i>Agrostis vulgaris</i>). A valuable permanent grass for meadows or lawns, growing in almost any soil, moist or dry, and standing heat well. Forty-five pounds to the acre.....	10
Red-Top, Absolutely Clean. [Cannot be surpassed in quality.....	15

GRASSES—Continued.

	Per lb.
Rye Grass, Perennial. (<i>Lolium Perenne</i> .) A valuable grass entering largely into the composition of many of the richest pastures; one of the most nutritious of the permanent grasses. Sixty pounds for one acre if sown alone.....	\$0 15
Rye Grass, Italian. (<i>Lolium Italicum</i> .) Similar to the preceding, but of more rapid growth, which is its chief merit. Fifty pounds will sow one acre.....	15
Sweet Vernal. (<i>Anthoxanthum odoratum</i> .) We offer only the true perennial variety of this valuable grass; useful for mixing with other grasses for lawns and meadows, on account of the early growth and fragrance which the leaves emit when cut for hay. When sown alone twenty-five pounds per acre are required.....	60
Timothy. (<i>Phleum pratense</i> .) Well-known and extensively grown; very productive and thrives on almost any soil; on a moist clay will produce a larger crop than any other grass. From twenty-five to forty pounds are used per acre.....	10
Wood Meadow Grass. (<i>Poa nemoralis</i> .) A very productive and nutritious grass; thrives well in moist, shady situations or under trees. Thirty pounds are required for one acre.....	40

Clover Seed

Freight charges, Express charges and Postal charges to be paid by purchaser.

	Per lb.
Alfalfa or Lucerne. (<i>Medicago sativa</i> .) Succeeds well in almost any location, and lasts for a number of years; it grows two or three feet high, and the roots extend deeply into the soil, which enables it to resist the severest drouth; it produces heavy crops of nutritious foliage, which may be cut three or four times a year, the best time being just when commencing to bloom.....	\$0 15
Alsike. (<i>Trifolium hybridum</i> .) Thrives well on rich, moist soils, and yields an enormous bulk of forage very much liked by cattle; may be cut several times a season, and as an addition to mixtures for permanent pastures has no superior.....	30
Crimson Clover. (<i>Trifolium incarnatum</i> .) An annual variety, but when sown early in Summer in good land can be pastured without harm during the Fall and Winter and still make a crop of hay at the usual time. It is a rank grower,—some stools counting as many as one hundred and twenty blossoms from one seed, averaging eighteen inches in height, and rooting deep even in poor soil. Ten to fifteen pounds of seed are required per acre.....	15
Japan Clover. (<i>Lespedeza striata</i> .) A branching perennial, growing about twelve inches high, and in warm latitudes will do well in any soil, even during extreme drought; more nutritious than Red Clover, and makes excellent hay.....	40
Medium Red. (<i>Trifolium pratense</i> .) A well known standard; excellent for pasturage or hay, and should be in all grass mixtures. If sown alone, ten pounds per acre are required.....	20
White Dutch. (<i>Trifolium repens</i> .) A spreading perennial; valuable for pastures and lawns; it accommodates itself to a variety of soils, but prefers moist ground; is excellent food for bees.....	35

Fertilizers and Flower Food

We supply only high grade, reliable fertilizers, goods that we know to be as represented, and, quality considered, prices are unusually low.

	100 lbs.	Ton.
Ground Bone.	\$2 50	\$35 00
Pure Guano Flour. Guaranteed to contain 48 to 50 per cent. bone phosphate (the same as pure bone meal) and 1½ per cent ammonia.....	2 25	30 00
Lawn Fertilizer. (<i>Woodbridge Formula</i> .) This is a clean, dry and fine fertilizer, and can be sown either by hand or machine. It is free from all strong odor, and being a complete fertilizer is fit for all kinds of grasses. Never use stable manure on a lawn or it will cost you more to weed it than it does to fertilize it. For a new lawn use from 800 to 1500 lbs. per acre; harrow in before sowing the seed. To renovate an old lawn, half that quantity will do, or for small lawns use from 3 to 5 lbs. for 100 square feet. 10 lb. bags, 75 cts.; 125 lb. bags, \$3.50.....		50 00
Rose Fertilizer. (<i>Woodbridge Formula</i> .) Especially suited for roses, shrubbery and the flower garden. Roses fed on this fertilizer will be strong, healthy and vigorous, and will be better enabled to withstand disease and attacks of all kinds of mildew, fungi, insects, etc. It is just the food to brighten up the leaves and make perfect buds and roses. Scatter over the surface of the ground after irrigation, at the rate of 5 lbs. for 100 square feet, and work in the soil as soon as possible thereafter. Per 10 lb. bags, 75 cts.; 125 lb. bags, \$3.50.		
Bowker's Flower Food. This is not a stimulant, but a perfect food for plants, in a concentrated form. It produces healthy foliage, abundant, rich and bright-colored blossoms, and prolongs the period of blossoming. Full directions for using are in each package. A package by mail, postpaid, 50 cents.		

If you are specially interested in manures, you should read "How Crops Grow," by Prof. Samuel W. Johnson, and "How Crops Feed," by the same author. Either book mailed free for \$2.00.



Miscellaneous Horticultural Requisites

	Each		Each.
Bellows. Powder. Large..	\$2 00	Pruner. "The Levin." The strongest hand	Each.
" " Small.....	1 00	shear extant. It is made of the finest steel,	
" Vaporizer.....	2 00	and though only 7 ounces in weight, it is	
Dibbers. Iron.....	40	so strong that it can cut through half an	
Forks. Digging or Spading, 4 tines.....	90	inch of dry oak.....	\$1 25
" " " 5 tines.....	1 00	Raffia. For tying plants; superior to twine.	
Garden Lines. Finest braided, 75 ft.....	50	Per lb., 25 cts.; 5 lbs. for \$1.00.	
Garden Pencils. Indelible black.....	15	Rakes—	
Grafting Wax. In $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb.,	50	Steel, Garden, handled, 6 teeth.....	40
Hoes. Draw or Field, 5 to 8 in....	35 cents to 50	" " " 8 ".....	45
" Scuffle or Push, 5 to 9 in....	65 cents to 90	" " " 10 ".....	50
Hooks. Grass.....	35 cents to 60	" " " 12 ".....	55
Knives. Asparagus.....	1 25	" " " 14 ".....	60
" Budding.....	\$1 00 to 1 50	" " " 16 ".....	65
" Pruning.....	75 to 1 50	Scissors. Flower gathering.....	1 25
Labels. Wooden—	Per 100	Scythes. Lawn, 30 to 38 inches.....	1 50
Pot or Garden, 4 in., pointed.....	\$0 70 to 1 00	Scythe Stones. Round Talacre.....	25
" " 5 " ".....	1 00 to 1 40	Shears. Pruning, Solid Steel, 7 $\frac{1}{2}$ inches.....	1 50
" " 6 " ".....	1 15 to 1 50	" " " 8 $\frac{1}{2}$ ".....	1 75
" " 8 " ".....	40 to 50	" " " 9 $\frac{1}{2}$ ".....	2 00
" " 12 " ".....	50 to 70	Shovels. Best Cast Steel.....	\$1 00 to 1 25
Tree or Plant, Copper-wired, 3 $\frac{1}{2}$ inch.....	\$1 50	Spades. Best Quality, Square Point, long or	
" " notched, 6 inch.....	1 75	short Handle.....	1 00
Lawn Rakes. Steel Wire.....	Each. \$0 75	Sprinklers. Rubber Bulb.....	1 25
Mole Traps. Olmsted's Improved.....	1 75	Sprinklers. Rubber. For sprinkling cut	
Moss. For florist's use; 10 cents per lb.; per		flowers, seedlings, clothes, etc.....	1 25
100 lbs., \$6.00.		Syringes. Brass; of superior manufacture,	
Plant Stakes. Round, tapering, painted green:	Per doz. Per 100.	highly finished.....	\$2 00 to 6 00
2 ft.....	\$0 30 \$2 00	Tin foil. For florists' use.....	per lb., 15 cts.
3 ft.....	75 6 00	Trowels. Solid shank; cast-steel, very strong	50
4 ft.....	1 00 7 00	Watering Pots. French Model. Galvanized	
5 ft.....	1 25 9 00	iron.....	6 qts., \$1 50; 8 qts., 2 00
6 ft.....	1 50 10 00	Weeders. Excelsior.....	15

"Planet, Jr.," Labor-Saving Garden Tools

These are the most perfect garden tools made, and have long been the most popular. They are known the world over and beyond question are the most complete in equipment and most practical and labor-saving that have yet been invented. Our special "Planet Jr." catalogue, fully illustrating and describing the various machines, will be mailed free on application.

Insecticides

- Chloro-Naphtholeum.** (*Non-poisonous*). The cheapest and safest insecticide ever introduced. For blight on trees and for the destruction of Scale, Red Spider and Rustmite on Orange Trees and the numerous insect foes of such crops as cabbage, cucumber, egg plant, melon, etc., nothing compares with it. For insects on all plants it is a safe and pleasant remedy to use.
- Fir Tree Oil.** The best insecticide for indoor use on all plants; is also a valuable remedy for animal parasites and insects. Per pint, \$1.00.
- Fir Tree Oil Soap.** A most useful article to have about the house. By its use you can keep your plants free from all insects; your dogs free from fleas; your poultry free from lice, and keep the skin of your horse healthy and make him shine. One ounce makes one gallon. $\frac{1}{4}$ -lb. tins, 25 cents each; by mail 35 cents.
- Gishurst's Compound.** A certain remedy for greenfly, scale, mealy bug, etc. Per box, 50 cts.
- Grape Dust.** (*Hammond's*). A non-poisonous powder for the remedy of mildew and rot on grapes, gooseberries, roses, etc. Per 5-lb. package, 50 cts.
- Kill'm Right.** (*Non-poisonous*). Will not harm the tenderest plant and will kill any kind of insect known to gardeners, florists and fruit-growers. 2-lb. cans, 50 cts.; 10 lb cans, 2.25.
- Slug Shot.** A cheap, popular and effective insecticide, easily applied and not injurious or dangerous to animals. 5-lb. pkg., 50 cts.; per bbl., in bulk, price on application.
- Tobacco Stems.** Indispensable for the fumigation of greenhouses, etc., and for the destruction of black aphids, greenfly and other insects. Per bale of about 250 lbs., \$3.50
- Whale Oil Soap.** Excellent wash for trees and plants to prevent insects from lodging in the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Per 1-lb. tin, 20 cts.; in bulk in quantities of 10 lbs. and over, 10 cts. per lb.



Tree and Shrub Seeds

Amateur cultivators will please remember that seeds of this class usually take time to germinate—in some cases only a few days, in others several weeks—and that quite frequently they lie dormant the whole season before commencing to grow.

As many of the following seeds are collected in distant countries they may, although appearing well enough to the eye sometimes fail to germinate. On this account we wish it distinctly understood that we will not in any way be responsible for their failure, but at the same time will use every endeavor to supply the best.

We do not sell these seeds in quantities of less than an ounce of any one variety, except those that are quoted at over twenty-five cents per ounce; of these twenty-five cent packets will be supplied.

	Per oz.	Per lb.
Abies brachyphylla. (<i>Japan short-leaved fir</i>). One of the hardiest and handsomest of silver firs.	\$0 40	\$4 00
Abies Douglasii. (<i>Douglas Spruce</i>). A rapid-growing tree with rich blue foliage; a charming and beautiful evergreen.	40	4 00
Abies excelsa. (<i>Norway Spruce</i>). Extensively planted for ornamental purposes.	15	1 50
Abies Firma. (<i>Japan Silver Fir</i>). Very hardy; graceful pyramidal form.	30	3 00
Abies Veitchii. (<i>From Japan</i>). Forms magnificent specimens 100 feet in height.	60	6 00
Acacia mollissima. Very ornamental and suitable for lawns.	35	3 50
Ampelopsis Veitchii. (<i>Japanese or Boston Ivy</i>). A well-known handsome climber; foliage change to bright scarlet in the Autumn.	20	2 00
Amygdalis communis. (<i>Bitter Almond</i>). Well-known ornamental flowering shrub.		15
Araucaria imbricata. (<i>Monkey Puzzle</i>). A beautiful tree for lawn decoration; has rigid, whorled branches, clothed with thick, hard spine-tipped, imbricated leaves.	40	4 00
Arbutus Menziesii. (<i>Madrone</i>). A handsome shrub; bark of young wood bright red.	20	2 00
Arctostaphylos glauca. (<i>Great Berried Manzanita</i>).	15	1 50
Camellia Japonica. This well-known plant is easily raised from seed.	15	1 50
Castanea Japonica. (<i>Japanese Chestnut</i>). A magnificent tree.	10	1 00
Chamaecyparis obtusa. A variety of Japanese thuja.	30	3 00
Chamaecyparis pisifera. A species of cypress from Japan of great beauty.	40	4 00
Citrus trifoliata. A hardy variety of ornamental orange from Japan.	20	2 00
Cryptomeria Japonica. (<i>Japanese Cedar</i>). A splendid fast-growing evergreen tree; forms handsome conical specimens from 60 to 100 feet high.	15	1 50
Cupressus lawsoniana. (<i>Lawson's Cypress</i>). Foliage delicate and graceful; one of the most ornamental species of this genus.	40	4 00
Cupressus macrocarpa. (<i>Monterey Cypress</i>). A handsome easily grown evergreen tree; also well adapted for making beautiful hedges.	10	1 00
Cytisus laburnum. (<i>Golden Chain</i>). Ornamental tree with clusters of long pendant showy yellow flowers.	15	1 50
Diospyros Kaki. (<i>Japan Persimmon</i>). Excellent fruit, resembling a plum.	15	1 50
Eucalyptus citriodora. (<i>Lemon Scented Gum</i>). A handsome slender tree, with foliage equal if not superior to the lemon-scented verbenas.	3 00	
Eucalyptus fleifolia. (<i>Scarlet Flowering Gum</i>). Should be grown on account of its magnificent trusses of bright crimson flowers. per pkt of 20 seeds, 50 cts.		
Eucalyptus globulus. (<i>Tasmanian Blue Gum</i>). Splendid fast growing tree; valuable for its hygienic properties as well as for its timber.	30	3 00
Eucalyptus rostrata. (<i>Red Gum</i>). Attains a height of 200 feet; the timber is hard, strong and extremely durable.	40	4 00
Genista Scoparia. (<i>Scotch Broom</i>). Beautiful yellow flowers.	10	50
Gleditschia triacanthos. (<i>Honey Locust</i>). Handsome spreading tree.	10	50
Grevillea robusta. (<i>Silk Oak</i>). A beautiful tree with fern-like foliage; of rapid growth and resists drought to a remarkable degree.	50	5 00
Hamamelis Virginica. (<i>Witch-Hazel</i>). Covered with curious yellow flowers in the Fall; has well known medicinal properties.	30	3 00
Jacaranda mimosifolia. (<i>Brazilian Jacaranda</i>). A handsome tree with fern-like foliage and clusters of light blue flowers; hardy in Southern California, in colder localities requires protection. 100 seeds, 50 cts.		
Juglans Sieboldii. (<i>Japanese Walnut</i>). A handsome tree.	10	75
Larix leptolepis. (<i>Japanese Money Pine</i>). Hardy, rapid grower of fine erect form.	50	1 00
Libocedrus decurrens. (<i>White Cedar of California</i>). A fine, hardy timber tree; attains a great height; well adapted for wind-breaks.	20	2 00
Ligustrum Japonicum. (<i>Japan Privet</i>). A robust growing evergreen shrub; white flowers, slightly fragrant.	20	2 00
Machura aurantiaca. (<i>Osage Orange</i>). A well known hedge plant of rapid growth and perfectly hardy.	10	50
Magnolia hypoleuca. (<i>Japanese Magnolia</i>). The lustrous glossy foliage and delicious melon-like fragrant e entitles it to a place in every collection; very easily grown.	25	2 50
Melia azedarach. (<i>Texas Umbrella Tree</i>). Of very rapid growth; a valuable tree for avenue planting.	10	1 00



TREE AND SHRUB SEEDS—Continued.

	Per oz.	Per lb.
Morus Tartarica. (<i>Russian Mulberry</i> .) A valuable variety, being easily cultivated, hardy and a good grower, and if kept dwarf makes a fine hedge.....	\$0 20	\$2 00
Myrica rubra. (<i>Japan Bayberry</i> .) Evergreen tree with red edible berries; very handsome	50	5 00
Oreodaphne Californica. (<i>California Sassafras</i> .) An evergreen tree of great beauty; when the leaves are bruised they emit a strong odor of camphor.....	15	1 50
Picea concolor. (<i>Black Balsam</i> .) A noble tree, but very rare.....	50	5 00
Picea nobilis. (<i>Noble Silver Fir</i> .) A majestic tree found extensively around Mt. Shasta; has a beautiful silvery-blue tint on the young foliage which contrasts charmingly with the dark green of the older growth.....	60	6 00
Pinus coulteri. (<i>Great Coned Pine</i>) Of very robust growth and beautiful blueish-gray foliage.....	30	3 00
Pinus densiflora. (<i>From Japan</i> .) Strong growing, rich, dark massive foliage.....	25	2 50
Pinus insignis. (<i>Monterey Pine</i> .) A valuable evergreen of rapid growth, succeeding well in any soil; cultivated solely as an ornamental tree.....	20	2 00
Pinus Koraiensis. An elegant small compact growing Japanese variety.....	50	5 00
Pinus Lambertiana. (<i>Sugar Pine</i> .) One of the largest and noblest trees of the Pacific Coast.....	20	2 00
Pinus Massoniana. (<i>From Japan</i> .) Resembles <i>P. densiflora</i> ; foliage of a brighter green...	25	2 50
Pinus parviflora. (<i>From Japan</i> .) Small tree with very glaucous leaves, with spreading horizontal well-covered branches.....	40	4 00
Pinus Sabinianna. (<i>Sabine's Pine</i> .) A rapid-growing noble tree with long, twisted, drooping leaves of a silvery gray color.....	20	2 00
Pinus Tuberculata. (<i>California Scrub Pine</i> .) A small native pine often found full of cones when only 2 feet high.....	35	3 50
Robinia pseudo-acacia. (<i>Yellow or black locust</i> .) Much prized for its beauty as a shade tree and valuable for fuel and timber.....	10	50
Rosa canina. (<i>Dog Rose</i> .) For stocks.....	10	40
Rosa rugosa. A beautiful hardy variety from Japan.....	50	5 00
Salisburia adiantifolia. (<i>Maiden Hair Tree</i> .) The most beautiful and peculiar of all hardy exotic trees; unique and ornamental.....	10	75
Schinus molle. (<i>Pepper Tree</i> .) Handsome drooping fern-like foliage with innumerable bunches of bright scarlet berries; the admiration of all visitors to California.....	10	1 00
Sciadopitys verticillata. (<i>Umbrella Pine</i> .) A most remarkable and beautiful conifer from Japan; has dark green shining foliage arranged in whorls of umbrella-like tufts on horizontal branches.....	75	
Sequoia gigantea. (<i>California Big Tree</i> .) The mammoth tree of California is the largest of all trees, a height having been recorded of 450 feet; the bark is from 1 to 2 feet thick; makes a handsome tree for parks or lawns.....	60	6 00
Sequoia sempervirens. (<i>Redwood</i> .) Next in size to the preceding and the most valuable tree in the California forests.....	30	3 00
Sophora Japonica. (<i>Japanese Sophora</i> .) An ornamental tree with fern-like foliage, producing large bunches of cream-colored flowers.....	15	1 00
Styrax Japonica. A dwarf-growing shrub from Japan, with small bell-shaped white flowers.....	20	2 00
Taxus cuspidata. A dense bushy Japanese variety, with very dark foliage.....	50	5 00
Thuja gigantea. (<i>Giant arbor-vita</i> .) A very large and graceful tree, native of Northern California and Oregon.....	50	5 00
Wistaria Sinensis. (<i>Chinese Wistaria</i> .) One of the most elegant and rapid-growing of all climbing plants; bears long pendulous clusters of pale blue flowers.....	30	3 00
Wistaria Sinensis alba. A white variety of the preceding; very desirable.....	40	4 00
Yucca baccata. Very effective in sub-tropical gardening.....	35	3 50
Yucca Whipplei. A native of California and Arizona.....	30	3 00

Fruit Seeds

If ordered by mail ten cents per pound must be added for postage.

Quotations for large quantities given on application.

	Lb.	100 lbs.		Lb.	100 lbs.
Almond. Hard-shelled.....	\$0 20	\$12 00	Orange, Tahiti	\$1 25	
“ Soft-shelled.....	25	20 00	Peach Pits. (Seedling).....	10	\$3 00
Apple Seed	40	35 00	Pear Seed	1 60	
Apricot Pits	10	2 50	Pecan Nuts	25	
Cherry, Black Mazzard	35	30 00	Plum, Myroblan	40	
“ Mahaleb.....	35	30 00	Quince	1 75	
Currant, Red Cherryoz., 35 cts.			Raspberryoz., 30 cts.		
“ White Dutch.....oz., 40 cts.			Strawberry. Large fruited.....oz., 50 cts.		
Gooseberry, Mixedoz., \$1.00			Walnut. Soft-shelled.....	20	15 00

GENERAL LIST OF Select Flower Seeds

For Discounts on seeds in packets see page 3.

ANNUALS grow, bloom and die the first year from seed. **BIENNIALS** bloom the second year from seed, and then die; though many, if sown early in the Spring, will flower the first year. **PERENNIALS** usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

Abutilon. Easily raised from seed and flower beautifully the first season, bearing a rich profusion of elegant bell-shaped flowers. Pkt., 10 cts.

Adlumia cirrhosa. An attractive climber with beautiful feathery foliage and rose-colored flowers. Pkt., 10 cts.

Ageratum. Suitable and effective plants for bedding and cut flowers; mixed colors. Pkt., 5 cts.

Agrostemma, mixed. Pretty, free blooming hardy plants growing about a foot high. Pkt., 5 cts.

Alyssum, sweet. Free-flowering and very fragrant; useful for edgings and rock work. Pkt., 5 cts.

Amaranthus. Very ornamental plants, some producing large panicles of showy flowers, others brilliant colored foliage.

—**Caudatus.** (*Love-Lies-Bleeding.*) Long red panicles. Pkt., 5 cts.

—**Salicifolius.** (*Fountain Plant.*) Willow-like foliage. Pkt., 5 cts.

—**Tricolor.** (*Joseph's Coat.*) Yellow, red and green foliage. Pkt., 5 cts.

Antirrhinum. (*Snapdragon.*) Showy and useful perennials, bearing beautiful spikes of gay-colored flowers; all colors mixed. Pkt., 5 cts.

Aquilegia. (*Columbine.*) Highly ornamental plants with curiously formed flowers of striking and beautiful colors; mixed colors. Pkt., 5 cts.

Asters

Not only the most popular, but the most effective in the entire list. While most easy of culture, there is no flower which combines so much beauty and variety of color and shape and habit as the modern Aster. For a late Summer or Fall display they have no successful rival. Give them a rich soil, and in hot, dry weather they should be mulched and well watered.

Chrysanthemum—flowered, mixed. From ten to twelve inches high; producing flowers of the largest size and choicest colors. Pkt., 10 cts.

Comet. A beautiful and distinct variety, with long, wavy and twisted petals, resembling the Japanese Chrysanthemums; well-grown plants produced from twenty-five to thirty perfectly double flowers measuring from three to four inches in diameter. Mixed, pkt., 10 cts.

—**Giant Emperor.** Flowers of great size, fine form and brilliant color; mixed colors. Pkt., 10 cts.



ASTER—TRUFFAUT'S PÆONY-FLOWERED PERFECTION.

—**Mignon.** Similar in habit to Victoria, but the flowers are smaller, beautifully imbricated; pure white, and a very perfect form; one of the finest white asters for cutting. Pkt., 15 cts.

—**Quilled German.** Perfectly double, tube or quill-shaped flowers; useful for bouquets; mixed colors. Pkt., 5 cts.

—**Rose Flowered.** Pyramidal, robust habit regularly imbricated; variously colored, large, very double, brilliant flowers. Pkt., 10 cts.

—**Snowball or White Princess.** This is the first variety of an entirely new class which from the build of its flowers is as beautiful as it is distinct. They are composed of short, very thickly set imbricated petals, half globular in form, and of the purest white. Pkt., 15 cts.

—**Truffaut's Pæony-flowered Perfection.** One of the most perfect; large flowers; petals beautifully incurved—mixed colors. Pkt., 10 cts. Crimson, white and pink, each, per pkt., 15 cts.

—**Victoria.** The finest class of Asters; for size, range of color and profusion of bloom it is unsurpassed; mixed colors. Pkt., 10 cts.

—**Washington.** This splendid variety is the largest Aster grown; bearing flowers four to five inches in diameter; very double, mixed colors. Pkt., 10 cts.

—**Choice Mixed.** Pkt., 5 cts.

Centaurea. An interesting genus, remarkable for the free-flowering habit of some of its members and the beautiful silvery foliage of others.



CENTAUREA CYANUS OR CORN FLOWER.

- Cyanus.** (*Bachelor's Button.*) Blue. Pkt., 5 cts.
- “ Mixed, all colors. Pkt., 5 cts.
- Candidissima.** Large silvery white leaves, deeply lacinated. Pkt., 10 cts.
- Gymnocarpa.** Silvery gray foliage. Pkt., 5 cts.

Chrysanthemum

The annual varieties have become one of the most popular of our annuals and stand without a rival for gorgeous display in the flower garden.

- Eclipse.** Showy and very striking, colors a combination of yellow, purplish-scarlet and dark brown. Pkt., 10 cts.
- Double White.** Pkt., 5 cts.
- Double Yellow.** Pkt., 5 cts.
- Indicum.** Saved from our own superb collection. Pkt., 15 cts.
- Cineraria hybrida grandiflora.** Saved from best varieties, choice mixed. Pkt., 25 cts.
- Double.** Large flowering; mixed; a superior strain. Pkt., 25 cts.
- Clarkia.** An old favorite plant, growing well in any garden soil. Seed can be sown either in September or early spring; mixed. Pkt., 5 cts.
- Clematis hybrida.** The flowers will average three inches in diameter, ranging through all conceivable shades of purple, violet, porcelain, blue and white. Pkt., 10 cts.
- Clanthus Dampieri.** (*Australian Glory Pea.*) A beautiful plant with brilliant, rich scarlet pea-shaped flowers, with an intense black spot in each centre. Pkt., 10 cts.
- Cobea scandens.** A beautiful rapid-growing climber with handsome foliage and large bell-shaped flowers, green at first, changing to a deep violet blue. Pkt., 10 cts.
- Scandens Fl. albo.** A white-flowered variety of the preceding. Pkt., 15 cts.
- Coleus.** Saved from the finest hybrid sorts; remarkable for size and brilliancy of foliage. Pkt., 15 cts.
- Collinsia.** A pretty, free blooming plant with various colored flowers, white, pink, violet, purple, blue and gray blue; mixed. Pkt., 5 cts.

Convolvulus. (*Morning Glory.*) The most popular annual in cultivation. The dwarf varieties are very pretty for hanging baskets and vases

- Major.** Tall varieties mixed. Pkt., 5 cts.
- Minor.** Dwarf varieties mixed. Pkt., 5 cts.
- Crimson Violet.** A beautiful dwarf variety. Pkt., 5 cts.

Coreopsis Lanceolata. The flowers of this charming perennial are of a bright golden yellow color, remain in perfection a long time when cut, and are a lovely flower for ladies' wear. Pkt., 10 cts.

Cosmos. The flowers are borne on long stems, and are white, flesh color, charming light pink and deep rose in color, each with a bright yellow center. Both foliage and flowers are excellent for bouquets and vases.

- Hybridus, Pink, White or Mixed.** Pkt., 10 cts.

Cyclamen Persicum Giganteum. Charming plants with beautiful foliage and rich-colored, orchid-like fragrant flowers. If seed is sown early they make flowering bulbs in one season. Pkt., 25 cts.

Cyclanthera Explodens. A climbing plant with handsome foliage and oval-shaped fruit, exploding loudly when ripe. Pkt., 5 cts.

Cypress Vine. (*Ipomea quamoclit.*) A popular vine with delicate fern-like foliage covered with beautiful star-shaped flowers; mixed. Pkt., 5 cts.

Dahlia. This is too well known to need description, though not generally known that they may be had in the greatest variety and beauty from seed.

- Double.** Finest Mixed. Pkt., 10 cts.

- Single.** Finest mixed. Pkt., 15 cts.

Daisy. (*Bellis perennis.*) Charming plants for edgings and dwarf beds. Thrive well in shady places.

- Pink, White or Mixed.** Pkt., 10 cts.

Delphinium. (*Larkspur.*) Flowers remarkable for their great beauty, diversity of shades and striking appearance.

- Cardinale.** Brilliant scarlet. Pkt., 10 cts.

—**Formosum.** Beautiful spikes of brilliant blue flowers with a white center. Pkt., 10 cts.

—**Nudicaule.** Dwarf, with spikes of bright scarlet flowers. Pkt., 10 cts.

—**Elatum.** (*Bee Larkspur.*) Rich deep blue, very free-blooming. Pkt., 10 cts.

- Perennial Varieties.** Mixed. Pkt., 5 cts.

- Annual Varieties.** Mixed. Pkt., 5 cts.

Dendromecon Rigidum

(*California Tree Poppy.*)

A native of the southern part of this State; grows about three feet in height with bluish foliage, contrasting elegantly with the color of the flowers, which are of a lovely lemon yellow and possessed of all the characteristics of a true poppy. The flowers spread widely during the day, but acquire a more compact form after noon. Pkt., 20 cts.

Dianthus. (*Pinks.*) Of immense value for bedding purposes, as the flowers retain their beauty during the entire Summer. The colors are marvelous, ranging from pure white to richest crimson, and beautifully laced and striped.

- Chinensis, Fl. Pl.** (*China Pink.*) Pkt., 5 cts.

- Heddewigii, Fl. Pl.** Pkt., 5 cts.

- Imperialis, Fl. Pl.** (*Imperial Pink.*) Pkt., 5 cts.

- Laciniatus, Fl. Pl.** (*Fringed Pink.*) Pkt., 5 cts.

- Plumarius, Fl. Pl.** (*Garden Pink.*) Pkt., 10 cts.

See also under Carnations.



Auricula. A favorite old-fashioned flower of great beauty; mixed. Pkt., 15 cts.



BALLOON VINE.

Balloon Vine. Ornamental, rapid-growing climber, remarkable chiefly as having an inflated membranous capsule, from which it derives its common name. Pkt., 5 cts.

Balsam. (*Lady's Slipper.*) An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture. Pkt., 5 cts.

Brachycome. (*Swan River Daisy.*) Beautiful free-flowering plants covered with a profusion of Cineraria-like flowers; very effective for edgings; mixed colors. Pkt., 5 cts.

Browallia. Pretty plants for bedding purposes, furnishing an abundance of strikingly beautiful flowers. Pkt., 10 cts.

Calceolaria hybrida grandiflora. An ornamental plant, producing a mass of beautiful pocket-like flowers early in the Spring, and a universal favorite for decorating the greenhouse or conservatory. Pkt., 25 cts.

Calendula. Showy, free-flowering annuals, deserving a place in every garden.

—**Meteor.** Yellow-striped with orange. Pkt., 5 cts.

Calliopsis. These very profuse and continuous blooming plants are among the most graceful and effective of hardy annuals; mixed. Pkt., 5 cts.

Camellia. Saved from a large collection of choice varieties. Pkt., 15 cts.

Campanula. (*Bell Flower.*) Very attractive plants with pretty bell-shaped flowers; of very easy cultivation; mixed. Pkt., 5 cts.

Canary Bird Vine. A rapid-growing climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers which resemble a canary bird with expanded wings. Pkt., 5 cts.

Candytuft. Favorite plant of the easiest culture, useful for growing in beds or masses; mixed. Pkt., 5 cts.

—**Crimson.** Pkt., 5 cts.

—**Empress.** Pure White. Pkt., 10 cts.

—**White Rocket.** White. Pkt., 5 cts.

Canna, Crozy's Dwarf. Highly ornamental plants with massive foliage terminated by racemes of bright colored flowers. Pkt., 10 cts.

Canterbury Bells, Single Mixed. Beautiful large, bell shaped flowers; handsome for border or pot culture. Pkt., 5 cts.

—**Double Mixed.** All the finest double varieties. Pkt., 5 cts.



CARNATION—MARGARET.

Carnations

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer.

—**"Margaret."** A new dwarf double form of hardy carnation which blooms four months from seed-sowing and never fails to give a large percentage of handsome double flowers. Plants which have bloomed all summer in the garden are frequently potted for winter decoration and continue blooming for a long time. The flowers are large, quite double and perfectly formed, never bursting through the calyx and show all colors and variegations through beautiful shades of red, pink and white. Pkt. 15 cts.

—**Grenadin.** Large fine double flowers of a brilliant scarlet color and very fragrant. Pkt., 15 cts.

—**Riviera Market.** A splendid strain producing over eighty per cent double flowers in many beautiful colors, including a large percentage of yellows. Pkt., 2 cts.

—**Vienna Early Flowering.** Double sweet-scented flowers in a great variety of colors. Pkt., 10 cts.

—**Extra Choiced Mixed.** Pkt., 25 cts.

—**Fine Mixed.** Pkt., 5 cts.

Celosia. (*Cockscomb.*) Handsome, free-blooming plants of easy culture producing pretty flowers in combs and feathery spikes.

—**President Thiers.** Very dwarf and bears large crimson combs. Pkt., 10 cts.

—**Feathered Varieties** in finest mixture. Pkt., 5 cts.



Digitalis. (*Foxglove*.) Long spikes of beautiful thimble-shaped flowers; mixed. Pkt., 5 cts.

Eschscholtzia. (*California Poppy*.) An exceedingly showy class of plants, bearing a profusion of richly-colored flowers; attractive for bedding, massing, etc., giving fine effects.



ESCHSCHOLTZIA MARITIMA.

—**Californica.** Pale yellow. Pkt., 5 cts.

—**Maritima.** A new variety of a bright light yellow color with deep orange spots, very distinct. Pkt., 10 cts.

—**Fine mixed.** Pkt., 5 cts.

Everlastings

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downwards.

Acroclinium Roseum. Fl. Pl. Bright rose; double. Pkt., 5 cts.

Ammobium Alatum Grandiflorum. Pure white. Pkt., 5 cts.

Gomphrena, Mixed. (*Bachelor's Buttons*.) Pkt., 5 cts.

Helichrysum, Finest Mixed. Pkt., 5 cts.

Rhodanthe, Finest Mixed. Pkt., 5 cts.

Xeranthemum. Leaves silvery, brilliant colors of of purple, rose and white flowers. Pkt., 10 cts.

Ferns. Saved from the choicest green-house varieties. Pkt., 15 cts.

Forget-me-not (*Myosotis*.) Popular and beautiful little plants, with neat star-like flowers, blooming the first year from seed.

—**Alpestris.** Blue. Pkt., 10 cts.

—**" Alba.** White. Pkt., 10 cts.

—**dissitiflora.** Large, dark blue flowers, compact and early. Pkt., 15 cts.

Freesia refracta alba. This well-known fragrant flower is easily raised from seed. Pkt., 5 cts.

Fuchsia. Mixed single and double, saved from the best strains. Pkt., 25 cts.

Gaillardia. Attractive plants; remarkable for profusion of bloom and brilliancy of color. Choice mixed. Pkt., 5 cts.

Geranium. Saved from choice varieties. Pkt. 1)

—**Apple scented.** Very fragrant. Pkt., 25 cts.

Gilia tricolor. Flowers orange yellow with a white margin, separated by a circle of deep purple. Pkt., 5 cts.

Gladiolus. Splendid mixed. Pkt., 10 cts.

Godetia. Attractive and beautiful plants embracing a great variety of rich colors

—**Duchess of Albany.** Pure white. Pkt., 5 cts.

—**Lady Albemarle.** Crimson. Pkt., 5 cts.

—**Choice Mixed.** Pkt., 5 cts.

Golden Rod (*Solidago canadensis*.) Pkt., 5 cts.



ORNAMENTAL GOURDS.

Gourds. Ornamental climbers with curiously shaped fruits. Apple shaped, bottle, dipper, dish-cloth, egg shaped, Hercules club, lemon shaped, pear shaped. Packet of any variety, 5 cts.

—**Mixed.** Pkt., 5 cts.

Grasses—Ornamental

Avena Sterilis (*Animated Oats*.)

Briza Maxima (*Rattlesnake Grass*.)

Coix Lacrymarum (*Job's Tears*.)

Eragrostis Elegans (*Love Grass*.)

Gynerium Argenteum (*Pompas Grass*.)

Stipa Pennata (*Feather Grass*.)

Zea Japonica Variegata (*Variegated Japanese Maize*.) Packet of any variety, 5 cts.

Gypsophila. Free flowering plants suitable for rock-work, hanging baskets, etc. Mixed. Pkt., 5 cts.

Helianthus (*Sunflower*.) Remarkable for size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

—**Cucumerifolius.** Dwarf single sunflower. Pkt., 5 cts.

—**Globosus Fistulosus** (*Globe Sunflower*.) Pkt., 5 cts.

—**Mammoth Russian.** Pkt., 5 cts.

—**Nanus Variegatus.** Variegated leaves. Pkt., 5 cts.

Heliotrope. Favorite plants for bedding and pot-culture; much prized on account of their delicious fragrance. Pkt., 10 cts.

Hollyhock. Well-known garden favorites. In separate colors: Double White, Crimson, Canary, Yellow Rose, Violet. Each, pkt., 10 cts.; choice mixed, pkt., 10 cts.



JAPANESE CLIMBING HOP.

- Humulus Japonicus variegata.** (*Japanese Hop.*) A beautiful climber; variegated foliage. Pkt., 10 cts.
- Hyacinth Bean** (*Dolichos.*) A beautiful, quick-growing climber, with blue and white flowers borne in immense clusters; mixed. Pkt., 5 cts.
- Hyacinthus Candicans** (*Summer Hyacinth.*) Pkt., 10 cts.
- Ice Plant.** Thick fleshy leaves that have the appearance of being covered with ice. Pkt., 5 cts.
- Ipomæa.** Rapid growing plants with handsome bright colored, trumpet shaped flowers; excellent for covering old walls, stumps, arbors, etc.
- Bona Nox** (*Evening Glory, or Good Night.*) Pkt., 5 cts.
- Coccinea** (*Star Ipomæa.*) Pkt., 5 cts.
- Heavenly Blue.** Pkt., 10 cts.
- Learli.** Pkt., 10 cts.
- Noctiflora** (*Moonflower.*) Pkt., 10 cts.
- Kenilworth Ivy** (*Linaria.*) Beautiful trailing plant. Pkt., 5 cts.
- Lantana.** Choice mixed. Pkt., 5 cts.
- Linum rubrum** (*Scarlet Flax.*) Pkt., 5 cts.
- Lobelia.** Beautiful class of plants, with delicate drooping habit. The profusion of their flowers renders them ornamental for vases and hanging baskets, borders or ribbons.
- Alba.** White. Pkt., 5 cts.
- Erlinus specios.** Blue. Pkt., 5 cts.
- Gracilis.** Light blue. Pkt., 5 cts.
- Emperor William.** Very dark blue. Pkt. 5 cts.
- Lophospermum scandens.** A beautiful climber with large bell-shaped blue flowers. Pkt., 10 cts.
- Lupinus.** Annual varieties, mixed. Pkt., 5 cts.
- Perennial varieties, mixed. Pkt., 5 cts.
- Lychnis Chalcodonitea** (*Burning Star.*) Brilliant scarlet. Pkt., 5 cts.
- Mandevillea suaveolens.** Pkt., 10 cts.
- Marigold** (*Tagetes.*) Showy and popular flowers of easy cultivation.
- African.** Mixed. Pkt., 5 cts.
- Eldorado.** Large and very double, ranging in color from pale yellow to deep orange. Pkt., 5 cts.

- French.** Dwarf varieties, mixed. Pkt., 5 cts.
- Marvel of Peru** (*Four O'Clocks.*) Finest mixed. Pkt., 5 cts.
- Matricaria** (*Feverfew.*) Double white. Pkt., 5 cts.
- Maurandya Barclayana.** Free blooming climber, covered with blue and white flowers. Pkt., 10 cts.
- Mignonette** (*Reseda.*) Modest flowers of great popularity on account of their exquisite fragrance.
- Crimson Queen.** Pkt., 5 cts.
- Giant Pyramidal.** Pkt., 5 cts.
- Golden Queen.** Pkt., 5 cts.
- Marchet.** Pkt., 10 cts.
- Mile's Spiral.** Pkt., 5 cts.
- Sweet.** Oz., 15 cts.; pkt., 5 cts.
- Mimosa pudica** (*Sensitive Plant.*) A curious and interesting plant. Pkt., 5 cts.
- Mimulus** (*Monkey Flower.*) Tender plants, with brilliantly colored flowers, blotched and spotted in every conceivable manner.
- Tigrinus grandiflorus.** Large-flow red, tigered and spotted varieties; mixed. Pkt., 10 cts.
- Moschatus** (*Musk Plant*) Leaves, musk-scented. Pkt., 5 cts.
- Mina Lobata.** A climber from Mexico; flowers, red and orange, shading to white. Pkt., 10 cts.
- Momordica Balsamina** (*Balsam Apple.*) Pkt., 5 cts.
- Charantia** (*Balsam Pear.*) Pkt., 5 cts.



MARIGOLD.

- Nasturtium** (*Tropæolum.*) Tom Thumb. All best colors mixed. Pkt., 5 cts.
- Nasturtium** (*Tropæolum.*) Tall. All best colors mixed. Pkt., 5 cts.
- Nemophila insignis.** Bright blue with white center. Pkt., 5 cts.
- Fine Mixed.** Pkt., 5 cts.
- Nicotiana affinis.** An ornamental variety of tobacco with large white fragrant flowers. Pkt., 10 cts.
- Nierembergia.** Beautiful free blooming plants; mixed colors. Pkt., 5 cts.
- Oenothera** (*Evening Primrose.*) A continuous blooming, free-flowering plant that opens near the close of the day; mixed colors. Pkt., 5 cts.
- Oxalis Rosen.** Pkt., 5 cts.
- Pansy.** These charming favorites being the most popular of all flowers grown from seed, it is needless to add a word in their praise. Our list comprises all recognized varieties of merit—many of which have been grown by ourselves and the others obtained from European specialists of note.

The following Pansies are each 5 cts. per pkt.: Azure Blue, Dark Purple, King of the Blacks, White, Striped, Yellow.

Above varieties mixed. Pkt., 5 cts.

The following Pansies are each 10 cts. per pkt.: Bugnots Blotched, Cassier Blotched, Emperor William, Lord Beaconsfield, Odier, Trimardeau.

Menlo Park. Choice mixed. An extra fine mixture of giant-flowered pansies. Pkt., 25 cts.

Passion Flower. In favorable locations grows vigorously and produces magnificent flowers.

—**Cœrulea.** Blue. Pkt., 10 cts.

—**Incarinata.** Produces edible fruit. Pkt., 15 cts.

—**Von Volxemi.** Flowers very large rich scarlet. Pkt., 15 cts.

Perilla nankinensis. Highly ornamental, having a beautiful metallic ebony-purple foliage. Pkt 5cts.



PETUNIA, FRINGED DOUBLE.

Petunia. Few plants are more desirable than these, furnishing as they do, a variety of the richest colors and an abundance of bloom from early summer till late in fall.

—**Grandiflora fimbriata.** Beautifully fringed and the most charming colors. Pkt., 25 cts.

—**Double.** Large flowered, fringed. Immense flowers in magnificent colors. Pkt., 30 cts.

—**Countess of Ellesmere.** Pink, white throat. Pkt, 5 cts.

—**Fine mixed.** Choice colors. Pkt., 5 cts.

Palox Drummondii. These flowers are of extreme beauty, are unrivaled for richness of color, profusion and length of duration in bloom.

—**Grandiflora.** Large flowering; mixed. Pkt., 10 cts.

—**Alba.** Pure white. Pkt., 5 cts.

—**Isabellina.** Pale yellow. Pkt., 5 cts.

—**Nana compacta.** Mixed, dwarf, growing various colors. Pkt., 10 cts.

—**Decussata (Perennial Phlox.)** Mixed. Pkt., 15 cts.

Polyanthus (Primula Elatior.) Mixed. Pkt., 10 cts.

Poppy, carnation-flowered. Mixed. Pkt., 5cts.

—**Duebrog.** Scarlet and white. Pkt., 5 cts.

—**Mephisto.** Scarlet with black spots. Pkt., 5 cts.



SHIRLEY POPPY.

—**Mikado.** White and crimson. Pkt., 5 cts.

—**Nudicale.** Yellow. Pkt., 10 cts.

—**Pæony—flowered.** Mixed. Pkt., 5 cts.

—**Ranunculus—flowered.** Mixed. Pkt., 5 cts.

—**Shirley.** The satiny texture and wonderful colors of this variety are admired by all. Pkt., 10 cts.

—**Umbrosum.** Scarlet marked with a black spot on each petal. Pkt., 10 cts.

—**“Sunset Mixture.”** Unsurpassed for magnificence of colors. Pkt., 5 cts.

Portulaca, Double. All colors mixed. Pkt., 10 cts.

—**Single.** All colors mixed. Pkt., 5 cts.

Primula Sinensis Fimbriata (Fringed Chinese Primrose.) A profuse-flowering, charming green-house plant, finely adapted for decorative purposes.

—**Single.** All colors mixed. Pkt., 25 cts.

—**Double.** All colors mixed. Pkt., 50 cts.

—**Fern-leaved.** All colors mixed. Pkt., 25 cts.

—**Obconica.** A beautiful pot plant; remains in bloom a long time. Pkt., 20 cts.



SCABIOSA, DOUBLE YELLOW.

Pyrethrum aureum (Golden Feather.) Bright yellow foliage. Pkt., 5 cts.

—**Hybrid fl. pl.** Large flowered double. Pkt., 25 cts.

Ricinus (Castor Oil Plant.) Fancy varieties mixed. Pkt., 10 cts.



Romneya Coulteri. The flowers are pure white, 4 to 5 inches across, with yellow stamens and have a delicate primrose perfume. Pkt., 10 cts.

Salpiglossis. Large, funnel-shaped flowers, delicately veined and mottled with various colors; finest mixed. Pkt., 10 cts.

Salvia splendens. Bright red. Pkt., 10 cts.

—patens. Blue. Pkt., 10 cts.

Sauvitalia procumbens fl. pl. Beautiful dwarf annual for beds or rockeries. Pkt., 5 cts.

Saponaria calabrica. Pink; for beds or edgings. Pkt., 5 cts.

Scabiosa (Mourning Bride.) Produces an abundance of very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.];

—Dwarf. Mixed. Pkt., 5 cts.

—Double Yellow. A new color secured after many years' careful selection. The plants are dwarf and bushy, and bear in great profusion compact double flowers of a fine golden yellow. Pkt., 10 cts.

Schizanthus. All colors mixed. Pkt., 5 cts.

Sedum cœruleum. Pkt., 5 cts.

Silene (Catchfly.) Produces brilliant flowers in great profusion all summer. Pkt., 5 cts.

Sweet Peas

Sweet Peas attain in California a perfection almost unheard of in other parts of the country, the size color and texture of the flowers and the vigor of growth being truly remarkable. In addition, the vitality of our California seed is from 30 to 60 per cent. higher than that of the best English. These, with other advantages, first induced us to become Sweet Pea specialists. The acreage has been increased until we now rank among the largest growers of Sweet Pea Seed in the world.

Plant the seed in good garden soil from October to April at intervals for succession. Do not allow them to suffer for water, and give some slight support. Cut the flower spikes freely, as the maturing of seeds greatly shortens the blooming season.

The latest novelties and all the standard varieties worth growing will be found in the following list.

	Pkt.	Oz.
Alba Magnifica. Pure white.....	\$0 05	\$0 15
Apple Blossom. Pink and blush.....	5	15
Blanche Ferry. Pink and white.....	5	15
Blushing Beauty. See description See- ond Page Cover.....	25	
Boreatton. Crimson purple, very dark	5	15
Butterfly. Pale gray with distinct por- celain edge.....	5	15
Captain of the Blues. Bright purple and pale blue.....	5	15
Captain Clark or Tricolor. White, shading to pink, edged with indigo.	5	15
Cardinal. Crimson scarlet.....	5	15
Countess of Radnor. Lavender.....	5	15
Delight. White, crested with crimson.	5	15
Dorothy Tenant. Dark mauve.....	10	25
Duchess of Edinburgh. Scarlet, flushed with crimson.....	5	15
Duke of Clarence. Rosy claret, the best dark variety.....	20	
Emily Eckford. Rosy mauve, chang- ing into an almost true blue.....	20	
Emily Henderson. Clear pure white; very early flower.....	5	15
Empress of India. Rosy pink stand- ards, white wings.....	10	25
Fairy Queen. White, flushed and fea- thered with pink.....	5	15
Firefly. See description, Second Page Cover.....	15	
Gaiety. See description, Second Page Cover.....	15	
Her Majesty. Beautiful rosy pink....	10	25
Ignea. Fiery crimson scarlet, slightly flushed with purple.....	10	25
Isa Eckford. Creamy white and rosy pink.....	5	15
Lady Penzance. See description, Second Page Cover.....	25	
Lemon Queen. Blush and lemon....	5	15
Lottie Eckford. Pale mauve standards, wings white edged with porcelain..	10	25

	Pkt.	Oz.
Miss Hunt. Carmine salmon and soft pink.....	\$0 10	\$0 25
Monarch. Bronze, crimson and blue..	5	15
Mrs. Eckford. White, delicately shaded with primrose.....	10	25
Mrs. Gladstone. Delicate pink with rosy blush wings.....	5	15
Mrs. Sankey. White, of perfect form and large size; a profuse bloomer..	5	15
Nellie Jaynes. White and light pink.	5	15
Orange Prince. Orange pink, flushed with scarlet.....	10	25
Painted Lady. Rosy crimson and blush white.....	5	15
Peach Blossom. Soft pink shading to buff.....	25	
Primrose. Pale primrose yellow; novel and distinct.....	10	25
Princess Louise. Pink standards, wings deep lilac.....	5	15
Princess Victoria. Cherry, mauve and pink.....	5	15
Princess of Wales. White, striped with lavender and mauve.....	5	10
Purple Prince. Bronze, maroon stan- dards, wings rich purple.....	5	15
Queen of England. White, of large size.....	5	15
Red and White Striped.	5	15
Senator. Chocolate and creamy white.	5	15
Splendor. Coppery crimson, suffused with rosy pink.....	5	15
Stanley. See description, Second Page Cover.....	25	
The Queen. Bright pink, shaded with heliotrope.....	5	15
Venus. See description, Second Page Cover.....	15	
Waverly. Pale blue and rosy claret...	5	15
New large flowered. Mixed. Per lb., 75 cts.....	5	10



Smilax A graceful climber with bright glossy-green foliage. Pkt., 5 cts.

Stocks, German Ten-weeks A well-known and much admired plant; possessed of great beauty and variety of color.

—**Dwarf Large-flowering** In separate colors; White, Canary-Yellow, Blood-Red, Rose. Each, 10 cts.

—**Giant Perfection** Mixed colors. Pkt., 10 cts.

—**Wallflower-leaved** Mixed colors. Pkt., 10 cts.

—**Cut and Come Again** Produces pure white flowers from early spring to late fall, and frequent cutting seems to make them come faster. Pkt., 10 cts.

Stocks, Intermediate Choice mixed. Pkt., 10 cts.

Sweet William Double mixed. Pkt., 5 cts.

—Single mixed. Pkt., 5 cts.

Thunbergia Very ornamental trailing or climbing plants; mixed colors. Pkt., 5 cts.

Verbena—Mammoth-flowered. When well grown, the single flowers of this splendid strain are large enough to cover a twenty-five cent piece. Best colors mixed. Pkt., 15 cts.

—**Common Mixed.** Pkt., 5 cts.

Vinca (Madagascar Periwinkle.) Splendid house and bedding plants, eighteen inches high, with glossy green leaves and circular flower. Pkt., 5 cts.

—**Rosa.** Fine rose color. Pkt., 5 cts.

—**Rosa alba.** White, rosy eye. Pkt., 5 cts.

—**Alba pura.** Clear, pure white. Pkt., 5 cts.

Violet. Saved from our own magnificent collection; shades of blues; mixed. Pkt., 5 cts.

—**White.** Pkt., 10 cts.

Virginian Stock. Mixed. Pkt., 5 cts.

Wallflower. Finest double mixed. Pkt., 10 cts.

—Single mixed. Pkt., 5 cts.

Zinnia, Giant Mammoth. A strain of superb grandeur; many of the blooms approaching in size that of a dahlia; flowers always double and embracing a wide range of brilliant and beautiful colors. Pkt., 5 cts.



ZINNIA, GIANT MAMMOTH.

—In separate colors. Crimson, purple, rose, scarlet white, yellow. Each, per pkt., 5 cts.

Imported Collections of Flower Seeds.

Asters. 12 varieties, \$1.00.

Everlasting Flowers. 12 varieties, 50 cts.

Heliotrope. 12 varieties, 75 cts.

Hollyhock. 12 varieties, \$1.00.

Marigold. 12 varieties, 40 cts.

Mignonette. 12 varieties, 50 cts.

Nasturtium, Tall. 12 varieties, 60 cts.

“ **Tom Thumb.** 12 varieties, 60 cts.

Ornamental Foliage Plants. 12 varieties, 50 cts.

“ **Grasses.** 12 varieties, 40 cts.

Pansies. 12 varieties, \$1.00.

Poppies. 8 varieties, 40 cts.

Stocks, Ten Weeks. 12 varieties, 75 cts.

“ “ “ 6 varieties, 40 cts.

“ **Intermediate.** 4 varieties, 30 cts.

Violets. 6 varieties, 50 cts.

Wallflower. 8 varieties, 50 cts.

Mixed Flower Seeds, For Wild Gardens.

A splendid mixture of beautiful free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds, will find the “Wild Garden” a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties, and the old garden favorites, flower successively throughout the season. Price, per package, 10 cts.; $\frac{1}{2}$ oz., 25 cts.

Palm Seeds

As fresh seeds of these arrive from collectors at irregular intervals throughout the year, we consider it better to issue a special list, which will be furnished on application, and give prices of such varieties as we can supply at the time. This will be more satisfactory than publishing a general list containing varieties, fresh seeds of which could not be obtained for some months.



Bulbs and Tubers for Spring Planting.

Lilies.

Every one loves the Lily—and well they may, for it stands unrivaled amongst hardy plants, for variety of color and beauty of form. Lilies are of easy culture, and as the bulbs we offer are all home grown, firm and fresh from the ground—not dried up and worthless as is often the case with imported bulbs—there is hardly a chance of failure. Plant from four to eight inches deep according to the size of the bulb. They should remain undisturbed for years, as frequent removals injure the roots.

If ordered by mail please add fifteen cents per dozen for postage.

Twelve Lilies of any one variety will be sent at price of Ten.

	EACH.		EACH.
Auratum. (<i>Golden-banded lily of Japan.</i>) White studded with rich chocolate crimson spots, and a bright golden band through the center of each petal.....	\$0 15	Elegans Alice Wilson. A new variety with upright yellow flowers.....	75
Auratum Macranthum. A very large flowered variety of the preceding.....	45	Hanson. Flowers outside bright yellow marked with white; inside spotted with purple....	75
Auratum Wittel. Pure white with raised spots of satiny white; broad yellow stripe through each petal; immense flowers.....	1 00	Krameri. Large, rose-colored flowers.....	25
Batemannæ. Flowers of a bright apricot color	25	Leichtlinii. Flowers bright yellow spotted with purple.....	40
Brownii. Large flowers; white inside; purple outside; distinct and striking.....	75	Longiflorum. Pure white, trumpet-shaped flowers.....	20
Cordifolium Giganteum. Flowers white, yellow and purple; leaves heart-shaped....	25	Speciosum Album. Pure white, handsome flowers.....	30
Coridion. Clear yellow, star-shaped flowers; exceedingly showy.....	20	Speciosum Rubrum. Dark rose.....	20
		Tigrinum (Tiger Lily.) Orange red spotted with black.....	10
		Tigrinum Flore Pleno. Double form of the preceding.....	15

Gladioli.

These are the most easily grown and showy of all flowering bulbs and are most effective when planted in clumps or beds. They should be planted from March to June in any good garden soil from four to five inches deep, and during the season will give a profusion of spikes of gorgeous flowers.

Twelve Gladioli of any one variety will be sent at price of Ten.



GLADIOLUS—LEMOINEI

	EACH.		EACH.
African. Slaty brown on scarlet ground, streaked scarlet and pure white; white blotch	\$0 15	Cleopatra. Flowers medium size, dark salmon, the lower petals profusely blotched purplish red, surrounded with straw color.....	\$0 10
Angele. White; showy and effective.....	10	Emma Thursby. White ground; carmine stripes through petals, blotch on the lower division	15
Bronchleyensis. Bright vermilion scarlet....	05	Enfant de Nancy. Flowers medium size, purplish red; lower petals dark crimson; peculiarly blotched.....	15
Ceres. White, spotted rose.....	10	Engesseri. Very deep pink; lower petals blotched bright maroon.....	15
		Eugene Scribe. Tender rose; variegated....	10
		Frœbeli. Flesh colored, streaked with pink; carmine blotch, bordered with yellow....	15
		Gen. Phil. Sheridan. Fire-red, white line running through each petal, and a large, pure white blotch on the lower division ...	20
		Gen. Sherman. Large, fine scarlet.....	15
		Incendiary. Vermilion, rose colored throat; two lower petals scarlet-purple.....	15
		Isaac Buchanan. Yellow.....	10
		John Bull. White, tinged with sulphur.....	10
		LaCandeur. White, slightly striped with violet	15
		Lafayette. Flowers very large, yellowish salmon; crimson blotches on lower petals	15



GLADIOLI — Continued.

	EACH.		EACH.
Lamarek. Cherry	\$0 10	Napoleon III. Scarlet, striped white	\$0 10
Lemoinei. Upper petals of a creamy white color, tinted salmon red, the lower one spotted with deep purplish crimson, bordered with bright yellow and salmon red	10	Obelisk. Flowers large, violet; lower petals blotched brown, spotted with sulphur	15
Le Poussin. Light red, white blotch	10	Princess of Wales. White, flamed carmine rose	10
Lord Byron. Brilliant scarlet, blotched pure white	10	Shakespeare. White, suffused carmine rose; large rosy blotch	15
Marie Dumortier. White, violet blotch	10	Snow—white. Pure white	25
Marie Lemoine. Long spike of fine, well-expanded flowers; upper division of a pale creamy color, flushed salmon-lilac; lower division spotted purplish violet, bordered with deep yellow	10	Stella. White, slightly tinted with yellow and rose	10
Martha Washington. Light yellow, lower petals tinged with rose	15	Sunshine. Lovely pink, blotched and flamed with darker pink	20
Mme. Monneret. Delicate rose	10	Talma. Pale lilac, lower division violet brown	10
		W. E. Gumbleton. Flowers very large and open purplish rose, streaked with rich carmine; spots velvet surrounded with yellow; plant unusually beautiful	15
		All Colors Mixed. Per 100, \$2.00; doz., 40 cts.	5

Miscellaneous Bulbs



AMARYLLIS.

Amaryllis Aulica Platypetala. Scarlet, tipped green. Each, \$1.50.

—**Belladonna.** Dark rose and white. Each, 25 cts

—**Formosissima.** Rich crimson. Each, 20 cts.

—**Johsonii.** Crimson, striped with white. Each, 75 cts.

—**Longiflora alba.** Fine white, Each, 40 cts.

—**Purpurea.** (*Vallota*.) Each, 30 cts.

Anemone fulgens. (*Scarlet wind flower*.) Dazzling scarlet. Doz., 50 cts.

—**Double Mixed.** 100, \$2; doz., 30 cts.

—**Single Mixed.** 100, \$2; doz., 30 cts.

Bessera Elegans. (*Coral drops*.) Bright coral scarlet, with white cups and dark blue anthers. Each, 5 cts.; doz., 50 cts.

Bleeding Heart. (*Dielytra*.) Flowers borne on curved stalks; are delicate rose and white with purple lips. Each, 20 cts.; doz., \$2.00.

Caladium esculentum (*Elephant's Ears*.) A very effective plant, and suitable for either a single plant on the lawn, masses in beds, or for margins of water. 20 cts. each; \$2.00 per doz.

Calla, Black. (*Arum Sanctum*.) Velvety black flowers. Each, 40 cts.

—**Spotted.** (*Richardia alba maculata*.) Foliage variegated with white; very handsome. Each, 10 cts.; doz., \$2.00.

Dahlia, Double. Assorted colors. 15 cts. each; \$1.50 per doz.

Gloxinia. Beautiful plants, bearing large bell-shaped flowers of the most striking, rich colors. 30 cts. each,

Hyacinthus Candicans. (*Summer Hyacinth*.) A free growing plant with tall spikes, bearing pretty white bell-shaped flowers. 10 cts. each.

Iris Germanica. (*German Iris*.) Finest mixed varieties. 10 cts. each.



SPOTTED CALLA.

Iris Kaempferi. (*Japan Iris*) Surpasses all others in size of flower and richness of color. Superb mixed varieties. 20 cts. each.

Madeira Vine. (*Climbing Mignonette*.) Bears very beautiful, fragrant white flowers; a desirable summer climber. 10 cts. each.



HYACINTHUS CANDICANS.

Milla Biflora. (*Floating Star*.) Flowers are of a pure waxy-white, nearly two and a-half inches in diameter; of great substance. 10 cts. each.

Montbretia. Magnificent plants, producing spikes of Gladioli-like blooms, in shades of yellow, orange and scarlet. 5 cts. each.

Nymphaea odorata gigantea. (*Water Lily*.) Flowers pure white, with a golden center three times as large as the common pond lily. The flowers possess a distinct and charming fragrance. It is perfectly hardy, and a grand plant for tubs, pools, streams or ponds. 20 cts. each; \$2.00. per doz.

Ranunculus, Double. These are bright colored summer blooming plants, with flowers of good size, perfectly double, and as beautifully imbricated as a rose.

- Double Persian Mixed. 5 cts. each; 30 cts. per doz.
- Double French Mixed. 5 cts. each; 30 cts. per doz.
- Double Turban Mixed. 5 cts. each; 30 cts. per doz.

Tigridia. (*Mexican Shell Flower*.) Charming summer-blooming bulb, producing very attractive flowers throughout the whole summer.

—conchiflora. Flowers dark yellow. 5 cts. each; 50 cts. per doz.

—grandiflora alba. White. 10 cts. each; 75 cts. per doz.

—Pavonia. Golden orange-crimson. 5 cts. each; 50 cts. per doz.

Tritoma Uvaria Grandiflora. (*Red-hot Poker Plant*.) Striking and attractive plant, throwing up stalks three to five feet high, bearing large solid spikes of brilliant orange-scarlet colored flowers of great size and brilliancy. 25 cts. each; \$2.50 per doz.

Tuberose. The Tuberose is a universal favorite, and largely grown on account of its delightful fragrance. The double flowers are of a beautiful pure waxy-white color, and grow on tall stems, each producing a dozen or more blossoms. Excelsior Pearl is the most dwarfed and compact variety, and the most suitable for growing in pots.

—Excelsior Pearl. Very large, choice and well-ripened bulbs. 50 cts. per doz.; \$3.00 per 100.

—Variegated Leaved. Foliage broadly striped with white and rosy yellow, making it a pretty plant even when not in flower. The flowers are single, pure white and very fragrant. 10 cts. each; \$1.00 per doz.

Zephyranthes. Gems of rare beauty, producing freely either in pots or the open ground, pretty lily-like flowers of the style of Amaryllis. Many varieties mixed. 5 cts. each; 50 cts. per doz.

GOOD BOOKS TO READ

Any of the following publications will be sent by mail or express, prepaid, on receipt of price.

Allen's New American Farm Book. By L. F. Allen and R. L. Allen.....	\$2 50
Asparagus Culture. By Wm. Robinson.....	50
Barn Plans and Out Buildings. By many authorities. 257 illustrations.....	1 50
California Fruits and How to Grow Them. By Prof. E. J. Wickson. Illustrated.....	3 00
Cattle Breeding. By Wm. Warfield.....	2 00
Cidermaker's Handbook. (Treats also of wine-making.) By J. M. Trowbridge. Illustrated.....	1 00
Designs for Flower Beds.....	3 00
Dictionary of Gardening. By G. Nicholson.....	20 00
Gardening for Pleasure. By Peter Henderson..	2 00
Gardening for Profit. By Peter Henderson....	2 00
Grape Culture and Winemaking. By George Husman. Illustrated.....	2 00
Grape Culturist. By Andrew S. Fuller.....	1 50
Grasses and Forage Plants. By Chas. L. Flint.	2 00
Harris on the Pig. By Jos. Harris. Illustrated	2 00
Hand-Book of Plants. Henderson's.....	4 00
Horse Breeding. By J. H. Sanders.....	2 00
Horticulturist's Rule-Book By L. H. Bailey. Rules and Receipts.....	1 00

How Crops Feed. By Prof. Samuel W. Johnson	\$2 00
How Crops Grow. By Prof. Samuel W. Johnson	2 00
Irrigation for the Farm, Garden and Orchard. Fully illustrated.....	1 50
Land Drainage. By Manly Miles.....	1 00
Mushroom Culture. By W. Robinson.....	50
Mushrooms: How to Grow Them. By Wm. Falconer.....	1 50
Orange Culture. By T. J. Geary.....	1 00
Potato Culture. By Elbert S. Carman. Cloth, 75 cts; paper.....	40
Practical Floriculture. By Peter Henderson..	1 50
Practical Forestry. By A. S. Fuller.....	1 50
The Nursery Book. By Prof. L. H. Bailey....	1 00
The Olive. By Marvin. Illustrated.....	2 00
Silos and Ensilage.....	50
Spraying Crops. By Prof. Clarence M. Weed. Paper, 50 cts; cloth.....	75
Sweet Potato Culture	60
Truck Farming at the South. By Dr. A. Oemler	1 50
Veterinary Adviser. By Prof. James Law....	3 00
Wright's Practical Poultry Keeper.....	2 00

A Wonderful New Forage Plant

SACALINE—(*Polygonum Sachalinense*)

Once planted, stands forever.

Roots penetrate deep into the soil.

Needs no cultivation, no manuring.

Requires no plowing before planting.

Endures severest drought with impunity.

Is more nutritious than Clover or Alfalfa.

Water will not drown it.
Fire will not kill it.

It grows where no other forage plant will grow.



SACALINE—THE NEW FORAGE PLANT.
Showing two months' growth.

Grows in poorest soils.

Cattle cannot destroy it.

Affords shade to cattle in Summer.

Is a protection against storms in Winter.

Gives three and four cuttings per year.

Produces 90 to 180 tons of green forage per acre.

Stems and leaves, green or dry, greatly relished by cattle.

SACALINE was discovered by the Russian explorer, Maximowicz, in the Isle of Saghalin, situated in the Sea of Okhotsk, between Japan and Siberia. Although known for some years in the botanical gardens of the world, as a desirable ornamental foliage plant for lawns, etc., and to a limited extent in the Agricultural Experiment Stations of the United States, it is only recently that its great value as a drought-resisting forage plant has been discussed and finally recognized by the leading authorities of advanced agriculture.

It grows to the height of eight to twelve feet with an abundance of large leaves eight to ten inches in length and half as broad, which are devoured with avidity by stock. Though it has the appearance of a shrub, its stem is herbaceous and its perennial root withstands the greatest drouth, and although the plant is liable to lose its top growth by severe frost the roots will endure the hardest freezing. The young shoots are sometimes eaten like asparagus and the young leaves are boiled like spinach. As a forage plant it has been proved that during the summer it will yield four cuttings each three feet high or at the rate of twenty-five tons per acre of green fodder at each cutting.

How to Plant. If seeds are used they should be started as is usual with tomato or cabbage seed, and the plants set out three feet apart each way. Thus planted the foliage should completely cover the ground when the plants are well established. The roots branch on all sides, and pass horizontally from the rhizome, penetrating the hardest soils and giving origin to new shoots which further increase the size of the clump. The first cutting should be made when the stems are three to four and a half feet in height and should be cut even with the ground. If the second growth is strong enough a second cutting may be had, but when well established three or four annual cuttings can be very safely made.

Orders booked now, for delivery after February 1st, 1895, at the following prices:

PLANTS

One.....	\$ 0 25
Six.....	1 25
Twelve.....	2 25
Fifty.....	8 00
Hundred.....	15 00

SEEDS

Our stock of Sacaline seed is limited, but we will book orders at the following rates until stock is exhausted. One pound of seed contains about 100,000 seeds.

Packet.....	\$0 15
Ounce.....	2 50
½ lb.....	7 50



Sunset Nursery Department

Evergreen Trees and Shrubs

Acacia dealbata. (*Silver Wattle*.) Foliage bipinnate; deep green above, white beneath; very free flowering, in panicles, of deep lemon color, produced at ends of branches. Price, 3-inch pots, 2 to 3 feet, 35 cts. each; \$2.50 per 10.

Acacia longifolia. An erect growing variety; leaves dark green; long, and tapering at both ends; flowers bright yellow. Price, 6-inch pots, 3 to 5 feet, 40 cts. each; \$3.00 per 10.

Acacia lopantha. A beautiful sort, with graceful feathery foliage; flowers white; the least hardy of all the acacias. Price, 3-inch pots, 1½ to 2 feet, 25 cts. each; \$1.50 per 10.

Acacia melanoxylon. (*Black Acacia*.) The foliage, when young, is feathery; changes as it becomes older; flowers yellow. Much used for street planting. Price, 3-inch pots, 2 to 3 feet, 25 cts. each; \$2.00 per 10.

Acacia mollissima. Flowers light yellow, in clusters, distributed along stems; a free growing variety, with beautiful feathery foliage. Price, balled, 4 to 5 feet, 75 cts. each; \$6.00 per 10; balled, 3 to 4 feet, 50 cts. each; \$4.00 per 10; 3-inch pots, 2 to 3 feet, 35 cts. each; \$2.50 per 10.

Araucaria Bidwelli. A native of Moreton Bay. It is a magnificent lawn tree and grows to a large size; the branches are in regular whorls; branchlets opposite and closely set with spiny, shining deep green leaves. Price, 5-inch pots, 1 to 1½ feet, \$1.50 each; \$12.50 per 10.

Araucaria Braziliensis. A native of Brazil. A fine tree with open, spreading head, straight stem and smooth bark. Leaflets sharp, light green and sea-green beneath. Price, boxed 6 feet, \$10.00 each; tubs, 2 feet, \$2.50 each.

Araucaria excelsa. (*Norfolk Island Pine*.) Native of Norfolk Island, to the east of Australia. Perhaps the best known of the Araucarias, being much used for decoration. It is a most symmetrical growing tree, with very delicately fringed branches. Hardy in some localities in California. Price, boxed, 6 to 7 feet, \$10.00 each; 6-inch pots, 3 feet, \$4.00 each; 2 feet, \$3.00 each; 1 to 1½ feet, \$1.00 each; \$7.50 per 10.

Araucaria imbricata. (*Chili Pine*.) Native of Chili. A noble tree. Beautiful regular pyramidal form; branches in whorls, spreading horizontally; leaflets stiff, sharply pointed and of a very dark green color. This is sometimes called the "Monkey Tree." Price, tubs, 1½ to 2 feet, \$5.00 each.

Arbor Vitæ, Chinese. A small tree with erect branches and dense flat, light green foliage; becomes brown in winter. Price, balled, 4 to 5 feet, 40 cts. each; \$3.50 per 10.

Arbor Vitæ, Chinese, Golden Variegated. Similar in growth and habit to the preceding variety, but highly variegated with pale yellow and silvery white. Price, in tubs, 4 feet, \$2.50 each.

Arbor Vitæ, Ever Golden. (*Semper-Aurea*.) Similar to the "golden," but of slower growth and greater variegation, which it retains the year round. Price, balled, 2 feet, \$1.00 each.

Arbor Vitæ, filiformis. One of the prettiest of the arbor vitas. A compact, erect-growing variety, with beautiful thread-like foliage, of delicate green color. Price, in tubs, 4 ft., \$2.50 each,

Arbor Vitæ, filiformis pendula. A weeping variety, with straight stems and long, slender, drooping branches; of a light yellowish, green color. Price, in tubs, \$1.50 each.

Arbor Vitæ, George Peabody. Of dwarf, compact habit. Color rich golden. Price, in tubs, 1 to 2 feet, 75 cts. each.



SCIADOPITYS VERTICILLATA.
(Japanese Umbrella Pine.)

Arbor Vitæ, Golden. A well-known shrub; of conical shape; foliage yellow in springtime. Price, balled, 2 feet, \$1.00 each.

Arbor Vitæ, Gigantea or Lobbii. A very ornamental, fast-growing California arbor vitæ, attaining great size. The branchlets are slender, flexible and very numerous; of a shining green on the upper side, glaucous-colored underneath. Price, balled, 3 to 4 feet, 75 cts. each; \$5.00 per 10; 2 to 3 feet, balled, 50 cts. each; \$3.50 per 10.



Arbor Vitæ Lobbii Semper Aurea. (New.) Golden foliage. Price, 3-in. pots, 9 to 12 in., 50 cts. each.

Arbor Vitæ, Rollinson's golden. (*Elegantissima*.) A beautiful tree of pyramidal form; the foliage prettily tipped with deep yellow, which variegation it retains throughout the year. Price, in tubs, 1 to 2 feet, 75 cts. each; \$6.00 per 10.

Arbor Vitæ, Siberian. Growth compact and pyramidal. Used for hedges. Price, 1½ to 2 feet, 75 cts. each.

Arbutus unedo. An attractive shrub; foliage dark green, serrated; during the winter months covered with beautiful red berries. Price, balled, 2 to 3 feet, 75 cts. each; \$6.00 per 10.

Ardisia crenulata alba. Native of South Florida. A shrub with broad and laurel-like leaves; has fragrant white flowers, produced in panicles, in fall and early winter. Price, 5-inch pots, 1 foot, 35 cts. each; \$2.50 per 10.

Aucuba grandidentata. Margined with silver. Price, 1 to 1½ feet, 75 cts. each.

Aucuba grandidentata aurea marginata. Margined with gold. Price, 9 inches, 50 cts. each.

Aucuba Japonica. (*Gold Dust Tree*.) Shrub; large foliage, magnificently spotted with golden yellow. Produces large red berries. Price, pots, 2 to 3 feet, \$1.00 each; \$7.50 per 10; 1 to 2 feet, 75 cts. each; \$5.00 per 10.

Aucuba virdis latifolia. Similar to the preceding variety, except that the leaves have not golden spots. Very ornamental. Price, pots, 2 to 3 feet, \$1.00 each; \$7.50 per 10; 1 to 2 feet, 75 cts. each; \$5.00 per 10.

Azaleas, Grafted Varieties. Evergreen shrubs of great value, when in bloom, either for decoration or bouquets. The flowers, which are produced freely, include every color and every shade of color. Price, pots, 1 to 1½ feet, \$1.50 each.

Azara microphylla. Recently introduced. Handsome shrub, with very small leaves; flowers yellow. Price, in tubs, 5 feet, \$1.50 each.

Berberis Darwinii. This is the finest of all the berberies. Foliage small, thick and leathery; flowers orange yellow, abundantly produced and very fragrant. Price, 5-inch pots, 1 to 1½ feet, 50 cts. each; \$4.00 per 10.

Box, dwarf. (*Suffruticosa*.) The variety so generally used for borders. Price, \$4.00 per 100.

Box Tree. (*Sempervirens*.) A handsome lawn shrub with small, deep green foliage. Price, balled, 1 to 1½ feet, 25 cts. each; \$2.00 per 10.

Buddlea globosa. Large, handsome shrub, with spikes of fragrant yellow globe-shaped flowers. Price, 6-inch pots, 2 to 3 feet, 50 cts. each.

Blue Gum. See *Eucalyptus*.

California Bay Tree. (*Oreodaphne*.) A native of California; foliage light green, with an agreeable perfume. Price, balled, 2 to 3 feet 50 cts. each; \$4.00 per 10.

California Big Tree. (*Sequoia gigantea*.) The famous "Big Tree" of this State; an imposing feature for lawn or avenue planting. Price, in tubs, 4 to 6 feet, \$4.00 each; 6-inch pots, 1 to 1½ feet, each, 75 cts.

California Wild Coffee. (*Rhamnus Californica*.) A native of California. A shrub with leaves somewhat like those of the olive. The seeds resemble the coffee berry, from which it obtains the name "Wild Coffee." The berries are not of any use or edible. Price, balled, 2 to 3 feet, 50 cts. each; \$4.00 per 10.



ARAUCARIA IMBRICATA.



Callistemon rigidum. Highly ornamental; trim, and clean grower; flowers rise from the old branches in crowded spikes. Price, balled, 3 to 4 feet, 50 cts. each; \$4.00 per 10.

Camellia Japonica. The most beautiful of all winter-flowering evergreens. Their handsome, shining, dark green foliage and magnificent wax-like flowers of various colors render them indispensable for the conservatory and well adapted for parlor or window culture. Perfectly hardy in this climate, but to thrive in the open ground they need a little extra care and must be shaded the first year after planting. Price, Doubles, Pink, White, Red and Variegated, 1½ to 2 feet, \$1.00 each.

Camphor Tree. (*Laurus Camphora*.) A native of Japan; with bright, shining green foliage. The young growth appears in a most beautiful shade of red and purple. The roots, wood and leaves of this tree have a strong odor of camphor, and from the roots and small branches camphor is obtained by distillation. Price, pots, 2 feet, 50 cts. each.

Casurina quadrivalvis. Native of Tasmania; wood very hard, of reddish color, and often called Beef Wood. It is marked with dark stripes, and is much used for cabinet work and picture frames. It belongs to a curious family of trees having no leaves, but looks like a gigantic specimen of Horse-tail grass (*equisetum*). Should be planted extensively in this State, where it grows to perfection and would prove very profitable. Price, 6-inch pots, 3 to 4 feet, 75 cts. each; \$6.00 per 10.

Casurina stricta. Another variety resembling the preceding one, except that the leaflets are more boldly defined. Price, in tubs, 4 to 6 feet, \$1.50 each.

Cedar, Mount Atlas. (*Atlantica*.) A vigorous, pyramidal growing tree, open and airy, light silvery foliage, very thick on upper side of the branches. Price, 2 to 3 feet, in tubs, \$2.50 each.

Cedrus Deodora. (*Indian*.) An exceedingly handsome tree of vigorous growth and graceful, drooping habit; foliage light silvery or sea green. Price, 2 to 3 feet, in tubs, \$2.00 each.

Cedar of Lebanon. Vigorous growth, wide-spreading, horizontal branches, dark green foliage, massive and picturesque. Price, 2 to 3 feet, in tubs, \$2.00 each.

Choisya ternata. (*Mexican Orange Flower*.) A shrub with beautiful glossy foliage. Flowers deliciously fragrant. Blooms in early spring. Price, 5-inch pots, 35 cts. each.

Coronella glauca. A small shrub; sea-green foliage; yellow flowers. Very showy. Price, 3-inch pots, 2 to 3 feet, 35 cts. each; \$2.50 per 10.

Coronella glauca variegata. Resembles the preceding; leaves edged with yellow. Price, 25 cts. each.

Crataegus pyracantha. (*Burning Bush*.) Native of Southern Europe. Foliage small and glossy; has fragrant flowers. During the late fall or winter months the bush is covered with bright orange-colored berries. Very desirable. Price, balled, 1 to 1½ feet, 50 cts. each.

Cryptomeria Japonica. (*Japan Cedar*.) Native of China and Japan. Desirable for the lawn. Price, balled, 3 to 4 feet, \$1.00 each.

Cypress, funeral. When old has a fine weeping habit. Price, in tubs, 4 to 5 feet, \$1.50 each; 3 to 4 feet, in tubs, \$1.00 each.

Cypress, Italian. Tall, tapering, conical; much used for working into designs. Price, boxed, 7 to 9 feet, \$1.00 each; balled, 6 to 8 feet, 75 cts. each; balled, 2 to 3 feet, 35 cts. each; \$2.50 per 10; transplanted in boxes, 1 to 2 feet, 75 cts. per 10; \$4.00 per 100.

Cypress, Lawson. Native of California. Drooping branches, with slender feathery branchlets. Price, balled, 3 to 4 feet, 50 cts. each; \$4.00 per 10.

Cypress, Monterey. Extensively planted for hedges and wind breaks. Price, balled, 5 to 6 feet, 50 cts. each; \$4.00 per 10; balled, 4 to 5 feet, 35 cts. each; \$2.50 per 10; transplanted in boxes, 1 to 2 feet, \$2.50 per 100; \$20.00 per 1000.

Cypress, Monterey, Variegated. Foliage beautifully tipped with gold. Price, in tubs, 2 feet, \$1.50 each.

Daphne odorata variegata. A shrub with glossy, green leaves; flowers pink, deliciously fragrant. Blooms in early spring. Price, balled, 1½ to 2 feet, \$1.00 each.

Diosma alba. (*Breath of Heaven*.) Shrub, with heath-like foliage, very sweet smelling. Flowers small and white. Price, 3-inch pots, 25 cts. each; \$2.00 per 10.

Elæagnus Japonica aurea. Golden-leaved oleaster. A beautiful shrub; has leathery leaves peculiarly margined and dusted underneath with gold down. Price, 8 inch pots, 3 to 4 feet, \$1.50. each.

Escallonia sanguinea. Native of South America; free-flowering shrub, with lovely red flowers. Price, balled, 3 to 4 feet, 50 cts. each; \$4.00 per 10.

Eucalyptus globulus. (*Blue Gum*.) The variety grown so extensively for wind-breaks and fuel. Price, pot-grown, 5 to 6 feet, 25 cts. each; \$2.00 per 10; transplanted in boxes, 12 to 15 inches, \$2.50 per 100; \$20.00 per 1000.

Eucalyptus viminalis. (*Red Gum*.) Similar to the globulus, only the leaves have a red appearance. Price, pot-grown, 4 to 5 feet, 25 cts. each; \$2.00 per 10; transplanted in boxes, 12 to 15 inches, \$2.50 per 100; \$20.00 per 1000.

Euonymus aurea. A shrub highly esteemed for its beautiful foliage; margin of leaves edged with gold. Price, balled, 1 to 1½ feet, 25 cts. each; \$2.00 per 10.

Euonymus, Due d'Anjou. The leaves of this variety are golden yellow in the center. Price, balled, 1½ to 2½ feet, 35 cts. each; \$3.00 per 10.

Euonymus Japonica. This variety has dark green, glossy leaves. Price, balled, 1 to 2 feet, 25 cts. each; \$2.00 per 10.

Euonymus radicans variegata. A creeping variety, with silver-edged foliage. Price, balled, 9 to 12 inches, 25 cts. each; \$2.00 per 10.



- Fabiana imbricata.** A species of the Erica family. An upright growing shrub, with imbricated foliage, producing pure white, tube-shaped flowers. Price, balled, 3 feet, 50 cts. each; \$4.00 per 10.
- Genista canariensis.** (Broom.) A pretty shrub, with small, sea green foliage, producing great masses of gorgeous yellow flowers. Price, 4-inch pots, 2 to 3 feet, 25 cts. each; \$2 per 10.
- Genista racemosus.** Similar to canariensis. Price, 4-inch pots 9 to 12 inches, 25 cts. each.
- Grevillea robusta.** The silk oak of Australia. A splendid tree, of rapid growth, with dark green, fern-like foliage. Price, balled, 5 to 6 feet, each, 75 cts.; balled, 4 to 5 feet, 50 cts. each; 5-inch pots, 3½ feet, 50 cts. each; 5-inch pots, 2 to 3 feet, 35 cts. each.
- Habrothamnus elegans.** A strong-growing shrub, bearing panicles of small, trumpet-shaped, purplish-red flowers. Makes a grand effect on a lawn. Price, balled, 4 to 5 feet, 50 cts. each; 6-inch pots, 3 to 4 feet, 35 cts. each.
- Heath, Mediterranean.** A dwarf-growing, compact little shrub, covered in spring with pink flowers. Price, 3-inch pots, 10 to 12 inches, 35 cts. each; \$2.50 per 10.
- Holly, English.** (*Ilex Aquifolium*.) A tree with prickly, dark-green foliage; of rather slow growth; covered in winter with bright red berries. Price, 8-inch pots, 1½ to 2 feet, \$1.50 each.
- Juniper, Chinese, variegated.** Of spreading habit; beautifully variegated. Price, balled, 9 to 12 inches, 35 cts. each.
- Juniper, Irish.** A distinct and beautiful variety, of conical outline and upright and dense growth; short, sea-green foliage. Price, 8-inch pots, 2½ to 3 feet, \$1.00 each.
- Juniper procumbens.** Of prostrate, trailing habit; dark green, shining foliage. Price, balled, 9 to 12 inches, 50 cts. each.
- Laurel, cerasus augustifolia.** A variety of the English laurel, but leaves much larger. Price, 3-inch pots, 1 foot, 25 cts. each.
- Laurel, cinnamonum.** Leaves, very large, glossy, dark green. Price, 8-inch pots, 3 feet, \$1.00 each.
- Laurel, elliptica.** (*Lily of the Valley Shrub*.) New; a variety with long, narrow leaves; has deliciously fragrant white flowers. Price, 3-inch pots, 12 to 15 inches, 40 cts. each.
- Laurel, English.** Leaves broad, shiny green; produces large panicles of creamy white, fragrant flowers, followed by purple berries. This variety makes a fine hedge. Price, balled, 2 to 3 feet, 50 cts. each; \$4.00 per 10.
- Laurel, nobilis.** (*Sweet Bay*.) Leaves roundish; rich green color; very fragrant, and used in European countries to put on the top layer of boxes in which figs are packed. Price, boxed, 8 feet, \$3.00 each; pots, 1½ to 2 feet, 50 cts. each.
- Laurel, Portugal.** A compact, pyramidal small tree (or large shrub), with glossy dark green leaves; flowers come in long panicles of creamy white, and are very fragrant. Price, balled, 1½ to 2 feet, 50 cts. each; \$4.00 per 10.
- Laurustinus.** The handsomest of our winter flowering shrubs; flowers in white clusters, small but pretty. Well adapted for hedges. Price, balled, 1½ to 2 feet, 35 cts. each; \$2.50 per 10.
- Libocedrus decurrens.** (*Yellow Cedar*.) A noble tree, attaining a height of 120 feet. It is of vigorous growth, with spreading branches; foliage small, bright and glossy green. Price, in tubs, 1½ to 2 feet, 75 cts. each.
- Ligustrum Japonicum.** (*Japan Privet*.) A large-growing shrub (or small tree), with dark green, glossy leaves; produces large clusters of flowers, followed by purple berries. Makes a fine hedge. Price, balled, 4 to 5 feet, 50 cts. each; \$4.00 per 10; balled, 3 to 4 feet, 35 cts. each; \$2.50 per 10; balled, 1½ to 2 feet, 25 cts. each; \$1.50 per 10.
- Ligustrum lucidum.** A variety with shining green leaves. Price, 9-inch, 25 cts. each.
- Loddigesia oxalidifolia.** A new shrub from the Cape of Good Hope; resembles the mistletoe; leaves trifoliate; flowers pink. Price, balled, 4 to 5 feet, 75 cts. each; 4-inch pots, 1½ to 2 feet, 50 cts. each.
- Loquat, seedling.** A handsome ornamental tree; with large, crumpled, glossy, dark green leaves; flowers white and fragrant; produces a fruit about the size of a small plum. Price, boxed, 3 to 4 feet, 60 cts. each; balled, 1½ to 2 feet, 25 cts. each.
- Loquat, variegated.** Similar to the preceding variety, but the leaves beautifully margined with white. Very choice. Price, 6-inch pots, 15 to 18 inches, \$1.00 each.
- Madrone.** A native of California. Leaves large, of a beautiful light green color; the bark has a glossy smooth appearance; of slow growth. Madrones being hard to transplant, we grow them in pots. Price, 1½ to 2 feet, 75 cts. each.
- Magnolia grandiflora.** The most beautiful of all American evergreens; a native of the Southern States, but perfectly at home in California. Erect growth; large, rich foliage; produces immense and extremely fragrant, pure white flowers. Price, boxed, 4 to 6 feet, \$2.00 each; 6-inch pots, 4 to 5 feet, \$1.50 each.
- Melaleuca styphillioides.** An upright growing shrub, with fine, feathery, plume-like, white flowers. Price, in tubs, 3 to 4 feet, \$1.00 each.
- Metrocideros robusta.** (New.) Flowers large, rich crimson, coming in dense cymes. A remarkable shrub, commonly called "Bottle Brush." Price, 5-inch pots, 1½ to 2 feet, 50 cts. each; \$4.00 per 10.
- Murraya exotica.** A native of China, belonging to the orange family; produces white flowers of great fragrance, much used in the making of perfumery. Price, pots, 9 to 12 inches, 50 cts. each.
- MYRTLE**—Native of western Asia. Among the ancients this plant was held sacred to Venus. Wreaths of it were worn by the victors in the Olympic games and other honored personages. Used a good deal in perfumery.
- Common.** Price, balled, 1½ to 2 feet, 25 cts. each; \$2.00 per 10.
- Double flowering.** Price, 4-inch pots, 25 cts. each; \$2.00 per 10.
- Small leaved.** Price, balled, 1½ feet, 25 cts. each; \$2.00 per 10.



Oak, cork. A variety of evergreen oak. The outer bark is the cork of commerce. This tree should be planted extensively in this state, as it does very well with us and it would certainly prove a paying crop for the manufacture of corks and for cork dust for packing grapes for distant shipment. Price, in tubs, 4 to 5 feet, \$2.00 each.

Oak, live. The well-known grand old tree of our golden state. Price, balled, 3 to 4 feet, 75 cts each; 2 to 3 feet, 50 cts. each.

Olea fragrans. Native of Japan; beautiful, shining green, serrated leaves; flowers small and deliciously fragrant. The leaves and flowers of this plant are used by the natives of China and Japan for mixing in tea to give it a sweet aroma. Price, 2 feet, \$1.00 each.

Oleander. A class of plants too well known to need description. They are the most profuse blooming of evergreen shrubs, lasting from May till November.

Price—Double Pink, balled, 3 to 4 feet, 50 cts. each; \$4.00 per 10; pots, 3 to 4 feet, 35 cts. each; \$2.50 per 10; pots, 2 to 3 feet, 25 cts. each; \$2.00 per 10. Semi-Double White, balled, 3 to 4 feet, 50 cts each; \$4.00 per 10; pots, 3 to 4 feet, 35 cts. each; \$2.50 per 10; pots, 2 to 3 feet, 25 cts. each, \$2.00 per 10.

Pepper Tree. (*Schinus Molle.*) The well-known shade tree of our streets. It is a rapid grower; foliage glossy, feathery, light green in color; produces graceful bunches of red berries in Autumn. The root of this tree is used medicinally, and its resin is medically employed to astringe the gums. Price—Balled, 5 to 6 feet 75 cts. each; \$6.00 per 10; pots, 4 to 5 feet, 50 cts. each; \$4.00 per 10; pots, 3 to 4 feet, 35 cts. each; \$2.50 per 10; pots, 2 to 3 feet, 25 cts. each; \$2.00 per 10.

Pine, Austrian. A strong, hardy, spreading tree, with long, stiff needles. Price, balled, 2 to 3 feet, 50 cts. each; \$4.00 per 10.

Pine, Monterey. Our well-known native; growth rapid. Price, balled, 5 to 6 feet, 50 cts. each; \$4.00 per 10; balled, 4 to 5 feet, 35 cts. each; \$3.00 per 10.

Pine, sylvestris. (*Scotch Fir.*) Of rapid growth; with strong branches, and short, stiff, bluish green foliage. Price, 4 to 5 feet, 75 cts. each.

Pine, muricata. (*Bishop Pine.*) Native of California. Of medium size, with long, light green foliage. Price, balled, 4 to 5 feet, 75 cts. each.

Pine, pinaster. Price, balled, 3 to 4 feet, 75 cts. each.

Pittosporum engenoides. A variety with very small, round leaves; stems black. Price, balled, 2 to 3 feet, 50 cts. each; \$4.00 per 10.

Pittosporum nigraeans. A rapid growing shrub, upright, conical; leaves wavy, of a shining, light green color; stems black. Makes a splendid hedge. Price, balled, 2 to 3 feet, 50 cts. each; \$4.00 per 10; 1½ to 2 feet, 35 cts. each; \$2.50 per 10.



RHODODENDRON

Pittosporum tobira. A low, spreading shrub; dark green, glossy leaves; flowers white and fragrant. Price, boxed, 3½ feet, \$1.00 each; 10-inch pots, 2 feet, 75 cts. each; balled, 1½ to 2½ feet, 60 cts. each; \$5.00 per 10.

Pittosporum tobira variegata. Similar to the preceding variety, but foliage much lighter green and margined with white. Price, 4-inch pots, 9 to 12 inches, 35 cts. each; \$2.50 per 10.

Podocarpus spinulosa. (*Japan Yew.*) An upright growing shrub or tree; long dark green foliage. Price, pots, 9 to 12 inches, 50 cts. each.

Raphiolepis ovata. A beautiful, compact, low-growing shrub, with leathery, dark, shining, green leaves; flowers white and fragrant, succeeded by blue black berries. Price, 8-inch pots, 2 to 3 feet, \$1.00 each.

Red Gum. See Eucalyptus.

Redwood, glaucous-leaved. Much resembling the common Redwood; only the foliage has a distinct glaucous appearance. Price, 5-inch pots, 1 foot, \$1.00 each.

Redwood. (*Sequoia sempervirens.*) Well-known native of California. Makes a lovely specimen for the lawn; suitable also for avenue planting. Price, in tubs, 4 to 5 feet, \$1.50 each.

Retinospora decusata. Of compact habit; small bright green foliage in summer, becomes brown in winter. Very effective. Price, balled, 1 to 2 feet, 35 cts. each

Retinospora plumosa aurea. Of compact, symmetrical growth; foliage tipped with bright golden yellow, which it retains throughout the year. Price, 3-inch pots, 25 cts. each; \$2.00 per 10.

Rhododendron. These grand flowering shrubs are growing more in favor in this State every year, which, considering their effectiveness, is not surprising. They will grow in any good soil, succeeding best, however, if planted in a shady situation. The foliage is dark, glossy green. They produce immense clusters of flowers of all colors, from pure white to the most brilliant scarlet. We have in stock the best grafted sorts. Price, balled, 2 to 3 feet, \$2.00 each.

Sciadopitys verticillata. (*Umbrella Pine.*) Native of Japan; a remarkable and beautiful conifer, of slow growth while young, but rapid as it becomes larger. The leaves are long, narrow, arranged in whorls of umbrella like tufts, on horizontal branches. Price, 7-inch pots, 3 to 4 feet, \$2.00 each.



LAWSON CYPRESS. (See page 45.)

Schinus Molle. See Pepper tree.

Sequoia gigantea. See California Big Tree.

Sequoia sempervirens. See Redwood.

Spruce, Douglas. Native of California; a magnificent, rapid-growing tree; foliage light green above and sea-green below. Price, balled, 3 to 4 feet, 75 cts. each.

Spruce, Menzies'. Of slow growth; pyramidal form, thickly branched; prickly foliage; has a silvery appearance. Price, balled, 1 foot, 50 cts. each.

Spruce, Nordmann's Silver. Of majestic appearance; slow growth, but as it attains age grows rapidly; branches horizontal; foliage massive; dark green, silvery underneath. Price, in tubs, 1 to 2 feet, \$1.50 each.

Spruce, Norway. (*Excelsa.*) Of beautiful, symmetrical conical shape; foliage stout and prickly, and of brownish color. Price, balled, 1 to 1½ feet, 50 cts. each.

Spruce, pinsapo. Of compact growth and unique appearance; foliage of yellowish hue, with glaucous stripes. Price, 1 to 1½ feet, \$2.00 each.

Spruce, white. Good, compact growth, pyramidal form; silvery gray foliage. Price, balled, 1 to 1½ feet, 50 cts. each.

Swansonia rubra. Native of New South Wales. Small green foliage; produces an abundance of red flowers all Summer and Fall. Price, 3-inch pots, 20 cts. each. Ready March 1st.

Thuopsis dolabrata. Native of Japan. Of vigorous growth, conical outline; with drooping branches, foliage quite flattened and delicate. Price, 8-inch pots, 3 feet, \$1.50 each.

Veronica Andersonii. A low growing shrub; light green foliage; flowers bluish purple, spike-shaped, produced in great abundance. Admirably suited for hedges. Price, balled, 1 to 2 feet, 35 cts. each; \$2.00 per 10.

Veronica variegata. Similar to the preceding variety, except that the leaves are beautifully variegated. Price, balled, 1 to 2 feet, 35 cts. each; \$2.00 per 10.

Yew, English. (*Baccata.*) Of slow growth; very bushy head; densely branched and thickly covered with somber green foliage. Price, in tubs, 3 to 4 feet, \$1.50 each.

Yew, English Erect. (*Baccata erecta.*) Resembles the preceding variety, but of upright growth and foliage not so dark green. Price, balled, 3 to 4 feet, \$1.00 each.

Yew, Golden Irish. (*Fustigiata aurea.*) Resembles the Irish Yew, but foliage beautifully tipped with gold. Price, balled, 1 to 1½ feet, 75 cts. each.

Yew, Irish. (*Fustigiata.*) Very erect grower; foliage dark green. Particularly adapted for cemeteries. Price, in tubs, 3 to 4 feet, \$2.00 each.



Deciduous Shade Trees.

- Ailantus glandulosa.** (*Tree of Heaven*.) A lofty, rapid growing tree; with long, generous foliage. Presents a tropical appearance. Price, 10 to 12 feet, each, 35 cts.; \$2.50 per 10; 8 to 10 feet, 25 cts. each; \$2.00 per 10.
- Alder, variegated.** Roundish, wedge-shaped; leaves beautifully margined with white. Price, 4 to 6 feet, 50 cts. each; \$4.00 per 10.
- Almond, large double-flowering.** A vigorous, beautiful tree, covered in May with double rose-colored blossoms, like small roses. Price, 4 to 6 feet, 50 cts. each.
- Ash, European.** A lofty growing tree; with spreading head, bark gray, leaves pinnate. Price, 6 to 8 feet, 35 cts. each; \$2.50 per 10; 4 to 6 feet, 25 cts. each; \$2.00 per 10.
- Ash, golden.** Has golden-colored bark. Price, 2 to 3 feet, 25 cts. each; \$2.00 per 10.
- Ash, gold bark.** (*Weeping*.) The name is descriptive. Price, 8 feet, \$1.00 each.
- Birch, cut-leaved.** (*Drooping*.) Tall, slender, yet vigorous; drooping branches; silvery white bark and delicately cut foliage. Very attractive. Price, 6 to 8 feet, 75 cts. each.
- Box Elder.** (*Acer Negundo*.) A rapid grower; spreading form; ash-like foliage. Good shade tree. Price, 8 to 10 feet, 35 cts. each; \$2.50 per 10; 6 to 8 feet, 25 cts. each; \$2.00 per 10.
- Broussonetia papyrifera.** (*Paper Mulberry*.) A native of Japan and China. Medium sized, with large foliage. Price, 5 to 6 feet, 25 cts. each; \$2.00 per 10.
- Catalpa speciosa.** A variety originating in the Western States. Of rapid growth; leaves large. Good shade tree. Price, 8 to 10 feet, 35 cts. each; \$2.50 per 10; 6 to 8 feet, 25 cts. each; \$2.00 per 10.
- Catalpa Kämpferi.** A Japanese variety of medium growth; with deep green, large, glossy leaves; flowers cream-colored and fragrant. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.
- Elm, Camperdown.** (*Weeping*.) The most picturesque of weeping trees. Fast grower; foliage large, dark green, glossy and luxuriant. Price, 5 to 6 feet, \$1.00 each.
- Elm, cork.** This has proved one of the best shade trees grown in California. It is a rapid and large grower; limbs covered with cork, which disappears when tree ages. Price, 6 to 8 feet, 40 cts. each; \$3.00 per 10; \$20.00 per 100.
- Elm, American.** A noble tree. Bark smooth and of reddish black color. Price, 6 to 8 feet, 40 cts. each; \$3.00 per 10.
- Elm, French or English.** An erect, lofty tree of rapid growth; leaves small and very close to the branches; when young has cork on the limbs. Price, 6 to 8 feet, 40 cts. each; \$3.00 per 10; 4 to 6 feet, 30 cts. each; \$2.50 per 10.
- Hawthorne, English.** The "old country" tree, used there so much for hedges. Flowers single, pure white and very sweet. Price, 4 to 6 feet, 30 cts. each; \$2.50 per 10.
- Hawthorne, double white.** Has small, double white flowers. Highly ornamental variety, on account of both foliage and flowers. Price, 6 to 8 feet, 75 cts. each.
- Hawthorne, Paul's double scarlet.** Flowers bright carmine red; the best of its color. Price, 6 to 8 feet, 75 cts. each.
- Horse Chestnut, European or White flowering.** A large-sized tree; of majestic appearance; leaves fig-shaped; flowers in great masses all over the tree. Price, 2 feet, 35 cts. each; \$2.50 per 10.
- Laburnum or Golden Chain.** A lovely tree; leaves ash-shaped; flowers of pure yellow in grape-like clusters; every one should have a Laburnum in his garden. Price, 4 to 5 feet, 40 cts. each; \$3.00 per 10.
- Larch, European.** Of tall, symmetrical growth and majestic appearance; the foliage, budding in the spring, is a lovely sight. Price, 4 to 5 feet, 50 cts. each.
- Linden, European.** A lovely tree; foliage large, dark green; produces small deliciously fragrant, white flowers. Price, 3 to 4 feet, 35 cts. each; \$2.50 per 10.
- Locust, common or black.** The well-known tree of our road-side; foliage small, flowers in large clusters, very fragrant. Price, 8 to 10 feet, each, 35 cts.; \$2.50 per 10; 6 to 8 feet, 25 cts. each; \$2.00 per 10.
- Locust, decaisneana.** Remarkable for its vigorous growth, and the fine rose-colored flowers it produces in great abundance. Price, 8 to 10 feet, 50 cts. each.
- Locust, thornless.** (*Bessonia*.) A noble tree of fine, regular growth, with dark green, heavy and luxuriant foliage; entirely without thorns. Most ornamental of the family. Price, 8 to 10 feet, 50 cts. each.
- Maiden Hair Tree.** (*Salisburia*.) Native of Japan. A very handsome tree; shape of the foliage resembles that of an adiantum (Maiden Hair fern), hence the name. Price, 6 to 8 feet, 60 cts. each; \$5.00 per 10.
- Magnolia soulangeana.** Largest of the Chinese magnolias; produces in great profusion white flowers with purplish tinge at base of petals. Price, 3 feet, \$1.50 each.
- Maples, Japanese varieties.** Very dwarf in habit, growing only five to ten feet high. The varieties are numerous; some have highly-colored leaves, from a pure white variegation to pink and dark purple; others are as delicately designed as lace. Planted in masses on the lawn, Japanese Maples are extremely effective. Price, 2 to 3 feet, \$1.00.
- Mountain Ash, European.** A fine, hardy tree, with dense and irregular head, covered from August to November with great clusters of bright scarlet berries. Price, 6 to 8 feet, 40 cts. each.
- Mulberry, multicaulis.** Of rapid growth; fruit white, but of little value. The leaves are food for silk worms. Price, 5 to 6 feet, 25 cts. each; \$2.00 per 10.
- Mulberry, white.** Like the preceding variety, principally used for feeding silk worms. Price, 4 to 6 feet, 25 cts. each.

FOR FRUITING VARIETIES, SEE OUR FRUIT CATALOGUE, MAILED FREE ON APPLICATION.



Paulownia Imperialis. From Japan. A magnificent tropical-looking tree; of very rapid growth; leaves immensely large; flowers in large panicles of purple. Price, 2 feet, 35 cts. each; \$2.50 per 10.

Tamarix Africana. A beautiful shrub; feathery foliage; flowers pink. Price, 4 to 6 feet, 35 cts. each; \$2.50 per 10.

Tulip tree. (*Liriodendron*.) A magnificent native tree of tall pyramidal habit; with broad, glossy, fiddle-shaped light green leaves, and yellow, tulip-shaped flowers. Price, 6 to 8 feet, 75 cts. each.

Walnut, American black. One of the largest and handsomest of American forest trees. It thrives on this coast. Produces large crops of nuts. An excellent shade tree. Price, 6 to 8 feet, 35 cts. each; \$2.50 per 10.



JAPANESE MAPLES.

Taxodium distichum. (*Deciduous Cypress*.) Resembles the European larch; foliage, however, more delicate. Price, 4 to 6 feet, 50 cts. each; \$4.00 per 10.

Texas Umbrella Tree. One of the best trees for sidewalk planting. Of rapid growth, especially in the hot interior, where it reaches perfection. The leaves are ash-like; it throws up numerous branches diagonally from the main stem, which gives it an umbrella-like appearance. Price, 6 to 8 feet, 50 cts. each; \$4.00 per 10; 4 to 6 feet, 35 cts. each; \$2.50 per 10.

Willow, Common. (*Weeping*.) Planted so much in this country that it needs little description; very rapid grower. Price, 4 to 6 feet, 25 cts. each; \$2.00 per 10.

Willow, Kilmarnock. This variety is grafted on the sallow willow. It makes a beautiful round umbrella-like head, and in time droops to the ground, completely hiding the stem. Shows to great advantage on a lawn. Price, 5 to 6 feet, \$1.00 each.

Willow, new American. Similar to the preceding variety in habit, but grows more rapidly. Price, 6 to 7 feet, \$1.00 each.



Deciduous Flowering Shrubs.

Berberry, purple-leaved. Rich and dark purple foliage; purple fruit. A very showy shrub. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Calycanthus præcox. Leaves and wood of this shrub have an agreeable fragrance. Price, 2 to 3 feet, 35 cts. each; \$2.50 per 10.

Currant, crimson flowering. Another old-fashioned flowering shrub. The flowers appear very early in spring. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Deutzia crenata alba. A very desirable shrub; of easy growth. Flowers white, tinged with pink. Price, 2 to 3 feet, 20 cts. each; \$1.50 per 10.

Deutzia gracilis. Of dwarf habit; flowers (white) in great profusion, all along the stems. Price, 1 foot, 25 cts. each; \$2.00 per 10.

Dogwood, red-twiggèd. A native species. Very conspicuous in winter, when the leaves are off, for then the red stems are seen to advantage. Price, 2 to 3 feet, 35 cts. each.

Erythrina caffra. Flowers deeper than the crista galli, and leaves rounder. Price, 5-inch pots, 50 cts. each; \$4.00 per 10.

Erythrina crista galli. (*Coral Plant*.) A beautiful flowering shrub, with large pea-pod-shaped coral-like flowers. Price, 6-inch pots, 50 cts. each; \$4.00 per 10.

Enonymus European. (*Spindle Tree*.) Shining green foliage; scarlet berries. Price, 3 to 4 feet, 20 cts. each; \$1.50 per 10.

Forsythia Fortunii. A pretty shrub with yellow flowers, which appear before the leaves do. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Hydrangea Hortensis. Native of Japan. One of the best flowering shrubs. Leaves large, a pleasing green. It produces large ball-shaped rose-colored flowers. A continuous bloomer. Price, 5-inch pots, 1½ to 2 feet, 35 cts. each; \$2.50 per 10.

Hydrangea Hortensis, variegated. Similar to the preceding variety, save that the leaves are beautifully margined with white. Price, 5-inch pots, 1½ to 2 feet, 35 cts. each; \$2.50 per 10.

Hydrangea Otaksa. Foliage deep green; produces immense trusses of rose colored flowers. Price, 5-inch pots, 1½ to 2 feet, 35 cts. each; \$2.50 per 10.

Hydrangea paniculata grandiflora. Here we have one of the grandest of flowering shrubs. It produces immense pyramidal panicles of pure white flowers, which change to delicate pink. The flowers are suitable for decoration, bouquet or corsage;—the only strictly florist Hydrangea. It blooms during the entire summer and autumn months. Price, 6-inch pots, 1½ to 2 feet, 25 cts. each; \$2.00 per 10.

Lemon Verbena. The old, favorite, sweet-smelling shrub. Price, 5 to 6 feet, 35 cts. each; \$2.50 per 10; 3 to 4 feet, 25 cts. each; \$2.00 per 10.

The Lilac is another old favorite among flowering shrubs. We offer the following kinds:

Lilac, Charles X. Large shining leaves, with great trusses of reddish-purple flowers. Price, 2 to 3 feet, 35 cts. each; \$2.50 per 10.

Lilac, white. Price, 2 to 3 feet, 35 cts. each. \$2.50 per 10.

Lilac, Persian. Small foliage; bright purple flowers. Price, 3 to 4 feet, 40 cts. each; \$3.50 per 10.

Lilac, purple. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Mock Orange. (*Philadelphus*.) A beautiful flowering shrub; with large white fragrant flowers. Price, 4 to 5 feet, 25 cts. each; \$2.00 per 10.

Pomegranate, dwarf. Dwarf growing; flowers brilliant orange scarlet. Very suitable for hedges. Price, 1 to 1½ feet, 25 cts. each; \$2.00 per 10.

Pomegranate, double red. Price, 2 to 3 feet, 25 cts. each; \$2.00 per 10.

Privet, Californian. Leaves medium size, glossy, dark green; almost an evergreen; a fine hedge plant. Price, 1½ to 2 feet, 15 cts. each; \$1.00 per 10; \$6.00 per 100.

Quince, flowering. A most desirable shrub; flowers appear early in Spring. We offer the red and rose flowering kinds. Price, 3 to 4 feet, 35 cts. each; \$2.50 per 10.

Snowball. An old favorite shrub, producing large clusters of pure white flowers. Price, 3 to 4 feet, 50 cts. each; \$4.00 per 100.

Spiræa prunifolia floraplèna. (*Bridal Wreath*.) A beautiful flowering-shrub, with small, white flowers along the branches. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Spiræa Reevesii floraplèna. A double white flowering variety. Price, 1½ to 2 feet, 25 cts. each; \$2.00 per 10.

Spiræa rotundifolia. Round foliage. Price, 1½ to 2 feet, 25 cts. each; \$2.00 per 10.

Spiræa semperflorens. Upright growth; long spikes of white flowers. Price, 1½ to 2 feet, 25 cts. each; \$2.00 per 10.

Symphoricarpus racemosus. (*Snowberry*.) A popular shrub, with small pink flowers. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Weigelia amabilis. A handsome shrub, with lovely pink, trumpet-shaped flowers, produced during the spring. Price, 2 to 3 feet, 25 cts. each; \$2.00 per 10.

Weigelia rosea. Flowers rose color. Price, 3 to 4 feet, 25 cts. each; \$2.00 per 10.

Weigelia variegata. Similar to the preceding variety, but the leaves beautifully margined with creamy white. Price, 2 to 3 feet, 25 cts. each; \$2.00 per 10.

Vines and Climbers.

Akebia quinata. A beautiful climber from Japan. Small clover-shaped foliage; flowers purple; yellow ornamental fruit. Price, 5-inch pots, 75 cts. each.

Ampelopsis quinquefolia. (*Boston Ivy*.) A rapid climber; leaves become a beautiful rich crimson in autumn. Good for covering walls, verandas and trunks of trees. Price, 4-inch pots, 25 cts. each; \$2.00 per 10.

Ampelopsis Veitchii. (*Japan Ivy*.) Native of Japan. Leaves smaller than the quinquefolia, but the plant is an excellent climber. Price, 3-inch pots, 25 cts. each; \$2.00 per 10.

Asparagus plumosus. Greenhouse climber; foliage very dark green; branches spreading; an excellent pot plant and invaluable for cutting. Price, 5-inch pots, 75 cts. each.

Asparagus tenuissimus. A tall-growing sort, with very graceful branchlets. Much used by florists. Price, 5-inch pots, 50 cts. each.

Bignonia Venusta. (*Trumpet Vine*.) Hardy, rapid climber; large, scarlet, trumpet-shaped flowers. Price, 50 cts. each.

Bougainvillea speciosa. A greenhouse climber. Beautiful foliage; the lilac rose flowers appearing at the tips of the branches look like leaves. Price, 4-inch pots, 50 cts. each.

CLEMATIS—Enough cannot be said in praise of these well-known climbers. A mass of flowers during the summer months. Hardy. We offer the following varieties, all pot grown:

Duchess of Edinburgh. Pure double white. Price, \$1.00 each.

Flamula. Small, pure white, fragrant flowers. Price, 25 cts. each.

Jackmanii. Intense violet purple; immense bloomer. Price, 75 cts. each.

Henryii. Single white; large. Price, 75 cts. each.

Prince of Wales. Purple; large. Price, 75 cts. each.

Clianthus puniceus. A hardy climber from New Zealand. Flowers in clusters, bright crimson. Price, 4-inch pots, 35 cts. each.

Ficus stipulata. (Commonly called *repens*.) Small leaves; suitable for covering brick or stone walls, to which it clings very closely. Price, 3-inch pots, 20 cts. each.

HONEYSUCKLE OR WOODBINE—These old-fashioned climbers cannot be excelled; hardy, rapid growers and covered with delightful fragrant flowers. We offer the varieties named below. Price, 25 cts. each; \$2 00 per 10.

Aurea reticulata. Small leaves, beautifully variegated with yellow.



CLEMATIS JACKMANII.

Chinese. Almost evergreen; very fragrant.

English. The old favorite.

Sempervirens. Blooms all summer; flowers scarlet.

Hoya carnosa. (*Wax Plant*.) A greenhouse climber with thick leathery foliage; flowers in small clusters and have a waxy appearance; very fragrant. Price, 4-inch pots, 25 cts. to 50 cts. each.

Ivy, giant. A hardy climber; with large, thick, leathery foliage. Price, 4-inch pots, 25 cts. each.

Ivy, variegated. Similar to the preceding variety, but leaves smaller, and beautifully variegated. Price, 4-inch pots, 25 cts. each.

Jasmine, Catalonian. Hardy; flowers semi-double, pure white, very fragrant and sweet; perpetual bloomer. Price, 4-inch pots, 50 cts. each.

Jasmine, common white. (*Officinale*.) Hardy; beautiful white flowers and delicate foliage. Price, 25 cts. each; \$2.00 per 10.



Jasmine nudiflorum. Hardy; yellow flowers, appearing early in the spring, before the leaves come. Price, 25 cts. each; \$2.00 per 10.

Jasmine revolutum. Hardy; yellow flowers. Price, 25 cts. each; \$2.00 per 10.

Kadzura variegata. A Japanese climber, producing red berries; good for trellis-work or walls. Price, 6-inch pots, large plants, \$1.50 each.

Mandevilla suaveolens. (*Chili Jasmine.*) Hardy; beautiful white fragrant flowers; a very graceful climber. Price, 3-inch pots, 25 cts. each; \$2.00 per 10.

Moonflower. Hardy; a most rapid climber, covering much space in one season; foliage large; flowers also large, and open up beautifully at night. Price, 25 cts. each; \$2.00 per 10.

Passiflora corulea. (*Blue.*) Hardy; a rapid climber; purplish-blue flowers; star-shaped, from which fact the flowers of the passion vine are sometimes called "Star of Bethlehem." Price, 5-inch pots, 35 cts. each.

Passiflora, Constance Elliot. Similar to the preceding variety, but flowers white. Price, 5-inch pots, 35 cts. each.

Smilax. The delicate graceful vine used so much in florists' work. Price, 3-inch pots, 15 cts. each; \$1.00 per 10.

Solanum jasminoides. (*Potato Vine.*) Hardy; rapid climber, with small whitish flowers, yellow center. Price, 3-inch pots, 25 cts. each; \$2.00 per 10.

Stephanotis floribunda. Greenhouse climber; dark, rich, leathery foliage; tube-shaped, very fragrant, white flowers. Price, 4-inch pots, 50 cts. each.

Tradescantia. Assorted, 20 cts. each.

Viola variegata. (*Periwinkle.*) A hardy trailing plant; suited for hanging baskets and vases. Price, 15 cts. each; \$1.00 per 10.

WISTARIA—These beautiful, hardy, Japanese climbers we recommend for general planting. Once established, they grow rapidly. As our picture shows, they bloom most freely in long racemes, sometimes one and a half and two feet long. We offer the following varieties:

Double purple. Perfectly double flowers in dense racemes. Price, 75 cts. each.

Purple. Flowers pale blue. Price, 50 cts. each.

White. Attains immense size; pure white flowers in long pendulous clusters. Price, 50 cts. each.



WISTARIA.



Dracænas, Bamboos, Etc.



DRACÆNA AUSTRALIS

Agave, American. The well-known "Century Plant." Price, 2 feet, each, 75 cts.; 1 foot, 50 cts. each.

Agave, American Variegated. Similar to the preceding variety, but the leaves broadly margined with yellow. Price, 2 feet, \$1.00 each; 9 to 12 inches, 75 cts. each.

Arundo donax variegata. A tall graceful plant, with ribbon-like foliage, beautifully striped. Price, 50 cts. each.

Bamboo, Falcata. A very ornamental species, growing 20 feet high. It sends up young shoots of fresh green color, while the older ones form a beautiful mass of light, yellowish foliage. Price, balled, 4 to 5 feet, 50 cts. each; \$4.00 per 10.

Bamboo, Metake. A large leaved and rather dwarf-growing variety from Japan. Attains a height of seven feet; grows erect; stems thickly tufted, but entirely covered with the sheaths of the leaves. Price, balled, 4 to 5 feet, 50 cts. each; \$4.00 per 10.

Bamboo, Viridis Striata. Native of Japan. Strong grower; leaves on both sides marked with bands—some of a yellowish, others of a deeper, green. Price, balled; 4 to 5 feet, 50 cts. each; \$4.00 per 10.

Dasyllirion gracilis. Native of Mexico. Leaves long, arched and deeply serrated. A beautifully tropical effect in landscape gardening. Price, boxed, 3 and 4 feet, well established, from \$20.00 to \$30.00 each.

Dasyllirion longifolium. Similar to the preceding but leaves more erect and stiff, and of sea-green color. Price, balled, 2 to 3 feet, \$1.00 each; 5-inch pots, 1 foot, 75 cts. each.

Dracæna Australis. (*Stricta*.) The Australian Ti, or cabbage tree, a palm-like plant growing 15 to 20 feet in height. As it becomes old it branches, making many heads. The leaves are long, narrow and rather erect. Price, balled, to 5 feet, \$1.50 each; \$12.50 per 10; balled, 3 to 4 feet, \$1.00 each; \$7.50 per 10; balled, 2 to 3 feet, 75 cts. each; \$5.00 per 10.

Dracæna Fosterii. The leaves much broader than those of the "Australis" and pendulous. A grand variety to plant. Price, balled, 2 to 3 feet, \$1.00 each; \$7.50 per 10.

Dracæna indivisa. Has much narrower and longer leaves than the "Australis," and they are beautifully arched. Price, pot grown, 4 to 5 feet, \$1.50 each; pot grown, 3 to 4 feet, \$1.00 each; pot grown, 2 to 3 feet, 75 cts. each.

Pampas grass. Finely ornamental; long, narrow, graceful, dark green foliage, producing silvery plumes on stems six to eight feet long. These, taken out of the sheath, just as the tips appear, and laid out in the sun till they bleach, make handsome parlor decorations. Price, 50 cts. each.

Phormium tenax variegatum. Long sword-like green leaves beautifully margined with yellow. Price, 3 to 4 feet, 50 cts. each.

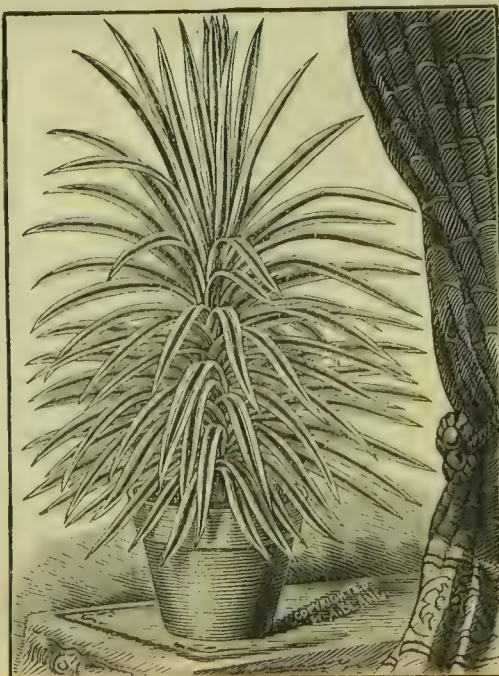
YUCCAS—Variously known as Adam's Needle, Spanish Bayonet, etc. Natives of Mexico, Arizona and Central America. They are very ornamental.

Yucca aloifolia variegata. Leaves green, variegated on the margin with creamy white. Price, boxed, 3 to 4 feet, each, \$3.00; pots, 2 to 3 feet, \$2.00 each; pots, 1 to 1½ feet, \$1.00 each.

Yucca baccata. Strong-growing variety; dark green leaves. Price, balled, 12 to 15 inches, 50 cts. each.

Yucca gloriosa. The stateliest of the Yuccas. Price, 6-inch pots, 1½ to 2 feet, \$1.00 each.

Yucca Whippleyii. Sends up a flower stem eight feet high. Price, balled, 12 to 15 inches, 50 cts. each.



YUCCA ALOIFOLIA VARIEGATA.



Indoor Decorative Plants

Under this heading we have included such plants as flourish in the parlor, hall and greenhouse. They are highly ornamental and nearly all of easy culture.

Acalyha marginata. Highly ornamental plant, especially in winter, when they become available for dinner table decoration. Leaves highly variegated with various shades of orange and red. Price, 4-inch pots, 35 cts. each.

Anthurium Scherzerianum. Spathe three inches long by two wide, brilliant scarlet, borne on a red stalk, spadix orange color. Leaves a deep rich green, of a leathery texture, eighteen inches long and two or three inches wide. A very compact grower; the spathes remain in fine condition a long time. Price, 5-inch pots, \$1.50 each.

Aralia Sieboldii variegata. Valuable decorative plant. Foliage dark green; lobed; beautifully variegated round the edge. Price 5-inch pots, 75 cts. each.

Artillery plant. (Pilea.) Exceedingly curious; with graceful, frond-like leaves; the flowers when expanding make a loud snapping sound if water be thrown on the plants. Price, 2-inch pots, 15 cts. each; \$1.00 per 10.

Aspidistra lurida. Useful foliage plant with dark green long leaves; produces odd-looking flowers just above ground. Requires abundance of water. Price, 4-inch pots, 35 to 50 cts. each.

Aspidistra lurida variegata. Similar to the foregoing variety except that the leaves are beautifully margined and striped with white. Price, 4-inch pots, 50 to 75 cts. each.

Begonias, in variety. We have a fine assortment of those old, favorite house-blooming plants. Price, from 25 cts. to 75 cts. each.

Crotons, in variety. This class includes some of the most beautiful of greenhouse plants. The leaves are curiously variegated with white, yellow, red, pink, etc., and of most curious shapes. Especially useful for table decoration. Price, 50 cts. to \$2.00 each.

Cyperus alternifolius. (Umbrella Plant.) A very desirable house plant, bearing upon erect, jointless stems a crown of long, narrow leaves, resembling in shape a small umbrella. Of easy culture; requires abundances of water. Price, from 25 cts. to 50 cts. each.

Cyperus alternifolius variegata. Similar to the foregoing, but the leaves beautifully variegated with creamy white. Price, 50 cts. each.



INTERIOR OF ONE OF OUR GREENHOUSES.



PANDANUS UTILIS.

Dracæna terminalis rosea.

Foliage green, marked with pink, white and carmine. A magnificent foliage plant. Price, 5-inch pots, 9 to 12 inches, 75 cts. each.

Ficus Australis. Native of Australia. Leaves a beautiful glossy dark green, and very leathery. Price, 4 and 5 inch pots, 1 to 2 feet, \$1.50 each.

Ficus Chauvieri. (*New.*) The largest leaved variety known. Price, 1 foot, \$2.50 each.

Ficus elastica. The true rubber tree of Upper India. Leaves broad, leathery, very large, with beautiful pink sheathes. For room decoration this is unequalled. Price, 4 and 5 inch pots, 1 to 2 feet, \$1.50 each.

Maranta Zebrina. Valuable greenhouse foliage plant. Beautiful, velvety, light green, barred with greenish purple, under side dull purple. Price, 5-inch pots, \$1.00 each.

Musa Ensete. (*Abyssinian Banana.*) One of the grandest plants for semi-tropical gardening. Protected from winds and given plenty of water and nourishment, it will in one season grow 12 feet high. Price, boxed, 6 to 7 feet, \$2.00 each; 4 to 5 feet, \$1.50 each; 3 to 4 feet, \$1.00 each.

Pandanus gracilis. A dwarf-growing sort; graceful and pretty. Price, 5-inch pots, 50 cts. each.

Pandanus utilis. (*Screw Pine.*) A highly ornamental plant. Makes a peculiar growth in spiral form. Price, 3 feet, \$6.00 each; 2 feet, \$3.00 each; 1 foot, \$1.00 each.

Pandanus Veitchii. Leaves light green, beautifully marked with broad stripes and bands of pure white; gracefully curved and of luxuriant aspect. Price, 6-inch pots, 18 inches, \$2.00 each; 4-inch pots, 9 inches, \$1.00 each.

Philodendron pertusum. Of most wonderful appearance. The leaves are very large; dark glossy green; perforated. A strong grower and beautiful pillar plant. In its native habitat it attains a height of 40 to 50 feet. Price, 6-inch pots, 2 to 3 feet, \$1.50 each.

DRACENAS. (*Cordylina.*) Valuable foliage plants of stately habit, with upright, spreading or recurved broad, rich leaves, which in most varieties are banded or striped with red, purple or silvery white. (Out-door Dracænas under separate heading—see index.)

Dracæna Baptista. Leaves and stem both variegated. Ground color bright green, striped and margined with yellow and pink. Price, 8-inch pots, \$1.50 each.

Dracæna Braziliensis. Wide green leaves. Price, 6 feet, \$5.00 each.

Dracæna congesta. Narrow green leaves. Very suitable for table decoration. Price, 1½ feet, 75 cts. each.

Dracæna Imperialis. A strong growing variety, with large, deep rose and creamy white foliage. Price, 7-inch pots, 2 feet, \$2.50 each.

Dracæna Lindenii. Leaves bright green, banded with yellow and yellowish-white. Price, 5-inch pots, 9 to 12 inches, 75 cts. each.

Dracæna rubra. Rich red foliage. Price, 18 inches, \$1.00 each.

Dracæna terminalis. Native of the South Sea Islands. Leaves tapering toward each end; color dark or brownish green with red variegation. Used largely for decorative purposes. Price, 6-inch pots, 18 to 24 inches, \$1.50 each.



ASPIDISTRA LURIDA.

Ficus elastica variegata.

Similar to the preceding, but the leaves are beautifully variegated. Price, 4 inch pots, 1 foot, \$2.50 each.

Fittonia tricolor. A pretty plant, of creeping habit; beautifully striped with red, yellow and white. Price, 5 inch pots, 35 cts. each.

Hibiscus Cooperii tricolor. An exceedingly pretty greenhouse plant; leaves tricolor. Price, 4-inch pots, 25 cts. each.

Justicea coccinea. Native of South America. A rapid-growing plant, producing clusters of beautiful scarlet flowers. Price, 3-inch pots, 25 cts. each.



MUSA ENSETE.



Poinsettia pulcherrima. (*Euphorbia*.) Native of Mexico. Bears great clusters of brilliant scarlet flowers; remains in bloom a long time; excellent for cut flower purposes. Price, 6-inch pots, strong plants, 50 cts. to \$1.00 each.

Sanchesia nobilis. Leaves broad lance-shaped; beautifully veined and marked with golden-yellow. Price, 6-inch pots, 50 cts. each.

Sansevieria Zeylanica. (*The Bow-string Hemp*.)

As a fiber plant this has been known and prized in India from remote ages under the name of Murva. It is extensively cultivated in Ceylon, India and the West Indies, where it grows to a height of five or six feet. Leaves long and sword-shaped, mottled green and white. Price, 50 cts. to \$1.00 each.

Palms

Palms are in greater demand each year for room, hall and commercial show-window decoration, which is not to be wondered at, as there are few plants that equal palms in beauty, and usefulness for ornamental work. The varieties we offer are all of easy culture and require nothing more than the ordinary heat of a room. The *Areca lutescens* and *Cocos Weddeliana*, however, grow more satisfactorily in a warm greenhouse, but even then can be used to advantage and without hurt to the plant, for dinner-table decoration. People must bear in mind that palms should not be put in too large a pot, for they grow more freely when "pot-bound," which causes them to throw out leaves rather than making roots. Our stock is one of the largest and best assorted on the coast; indeed, visitors to our nurseries are invariably astonished at our enormous display of palms.

Areca Baueri. A native of Norfolk Island. Leaves pinnate, long and arched; color dark green; slow to make a stem. Price, boxed, 8 feet, \$25.00 each; 5-inch pots, 1 foot, 75 cts. each.

Areca lutescens. Native of the Mauritius Islands; a house plant; rather delicate, but when well grown one of the most graceful of palms; leaves long and arched; color rich green. Price, 5-inch, pots,

1½ to 2 feet, \$2.50 each; 4-inch, pots, 1 to 1½ feet, \$1.50 each.

Areca monostachya. From tropical Australia; called the "Walking-stick Palm," because of its stem rarely exceeding the thickness of one's thumb. Leaves drooping and from six inches to one foot long; dark green; house palm. Price, 4-inch pots, 1 foot, \$1.00 each.



PHOENIX CANARIENSIS.

California Fan

Palm. (*Pritchardia filifera*.)

Our own well-known palm, a native of Southern California; of erect, rapid growth, with immense fan-shaped leaves of light green color, and having quantities of hair-like filaments woven around and between the leaves, especially noticeable when the palm is young; thrives to perfection in California, and has no equal for planting along avenues. Price, boxed, 2 to 3 ft., \$1.50 each; 10-in. pots, 1½ to 2 ft., 75c. each; balled, 3 to 4 ft., \$1.50 each; \$12.50 per 10; balled, 2 to 3 ft., \$1.00 each; \$8.00 per 10; balled, 1 to 1½ ft., 75c. each; \$5.00 per 10.



ARECA LUTESCENS.

Cycas revoluta. (*Sago Palm.*) Native of China and Japan. Cylindrical stems, terminating in a crown of handsome, deeply-cut pinnate leaves of thick, leathery texture; leaves much used for decoration and florist work. Price, 3-foot stems, \$6.00 each; 2-foot stems, \$4.00; 1-foot stems, \$2.00.

Erythea edulis. A handsome palm from Guadalupe Island. Resembles the California Palm somewhat, but leaves much deeper green, without filaments and not so susceptible to frost. Price, 4 feet, boxed, fine specimen, \$10.00; 4-inch pots, 40 cts. each.

Kentia Belmoreana. A native of Lord Howe's Island. Similar to Fosteriana, a lovely house palm. Price, 6-inch pot, 15 to 18 inches, \$1.50 each; \$12.50 per 10; 4-inch pot, 12 to 15 inches, \$1.00 each; \$8.00 per 10; 3-inch pots, 30 cts. each.

Kentia Canterburyana. Resembles the Belmoreana and Fosteriana, but of slower growth and dwarfer habit. Leaves pinnate; divisions closely set; color light green. A beautiful variety. Price, 6-inch pots, 18 inches, \$1.50 each; 3-inch pots, 35 cts. each.

Kentia Fosteriana. Native of Lord Howe's Island. One of the finest house palms. Leaves long, pinnate and beautifully arched; rich, dark green. Price, boxed, 6 feet, \$25.00 each; 6-inch pots, 2 to 2½ feet, \$5.00 each; 5-inch pots, 1 to 1½ feet, \$1.50 each; \$12.50 per 10; 4-inch pots, 9 to 12 inches, 75 cts. each; \$6.00 per 10; 3-inch pots, 30 cts. each.

Latania Borbonica. (*Livingstonia Chinensis.*) A native of Southern China. Of the fan-shaped leaf palms. This is the most decorative—even small plants in 5-inch pots making quite a display—the leaves are large fan-shaped, beautifully recurving and graceful; rich dark green. Peculiarly adapted for decoration of verandahs and porches. Price, boxed, 7 feet, \$40.00 each; 4 and 5 inch pots, 1 foot, 75 cts. to \$1.00 each.

Chamærops excelsa. (*Japanese Fan Palm.*) From Southern China and Japan. Very hardy; rapid and erect grower; fan-shaped leaves; color dark green. Price, boxed, 7 feet, \$8.00 each; boxed, 1 to 2 feet, \$1.00 each; balled, 1½ to 2½ feet, \$1.00 each; balled, 1 to 1½ feet, 75 cts. each.

Chamærops humilis. The dwarf fan palm of Southern Europe, Northern Africa and Southwest Asia. Very hardy; of slow growth. A lovely lawn plant. Price, boxed, 2½ feet, \$8.00 each; 5-inch pots, 12 to 15 inches, 50 cts. each; \$4.00 per 10.

Cocos plumosa. A rare and delicate decorative species from Brazil. Belongs to the coconut family. Price, 15 feet, \$12.00 each; 4 feet, \$5.00 each; 4 and 5 inch pots, 1½ to 2 feet, \$1.00 each; \$8.00 per 10.

Cocos Weddelliana. Introduced from South America; rather difficult to grow; is one of the most graceful and delicate palms in cultivation; leaves medium long, arched and feathery. Especially suitable for table decoration. Price, 4-inch pots, 9 to 12 inches, 50 cts. each; \$4.00 per 10.

Corypha Australis. Native of Australia. A house palm, although in protected locations it thrives out of doors. Fan-shaped leaves; leaf-stalks armed with sharp spines; strong and vigorous grower. Price, 5-inch pots, 12 and 15 inches, 40 cts. to 60 cts. each.

Curculigo recurvata. A native of Bengal. Leaves long, broad and heavy. Highly ornamental. Price, 6-inch pots, 2 feet, 75 cts. each; \$6.00 per 10; 5 inch pots, 1 foot, 50 cts. each; \$4.00 per 10.

Cycas cercinalis. (*round-leaved.*) Native of the East Indies. Resembles the *revoluta*, but much more graceful, arched and feathery. Price, 4 feet, fine specimen, \$50 each.

Phoenix Canariensis. Sometimes called the "Canary Island Palm," because of its nativity. A variety of the fruiting Date Palm, but much more ornamental and decorative than it. A rapid grower, attaining a great height in a few years. Leaves long, arched and pinnate; beautiful dark green. Unequalled for lawn decoration. Perfectly hardy. Price, boxed, 12 feet, \$15.00 each; boxed, 7 feet, \$8.00 each; boxed, 6 feet, \$7.00 each; boxed, 5 feet, \$6.00 each; balled, 2 to 3 feet, \$2.00 each; 12-inch pots, 2 to 3 feet, \$3.00 each; 10-inch pots, 2 to 3 feet, \$2.50 each; 5-inch pots, 1 foot, 75 cts. each; \$5.00 per 10; 3-inch pots, 1 foot, 20 cts. each; \$1.50 per 10; \$10.00 per 100.

Phoenix dactylifera. A native of Northern Africa. This is the palm from which the Date of commerce is obtained. It is grown in some parts of California successfully from a commercial point of view. This variety does so well in southern California and Arizona that it should be extensively cultivated in those parts. Price, 12-inch pots, 2 to 3 feet, \$2.50 each; 5-inch pots, 12 to 15 inches, 60 cts. each; \$5.00 per 10.

Phoenix reclinata. Another variety of the Date Palm. A native of Natal and Zululand. Rather tender, but, grown in pots or tubs, a most beautiful and graceful palm. Grows admirably indoors. Price, 12-inch pots, 2 to 3 feet, \$2.50 each; 5-inch pots, 1½ to 2 feet, \$1.00 each; \$8.00 per 10.

Phoenix sylvestris. A truly grand variety of the "Date." Robust grower and highly ornamental. Leaves long, arched and beautifully lined with silver. Price, 6-inch pots, 15 to 18 inches, \$1.50 each.

Phoenix tenuis. Resembles the "Canariensis," but finer and more slender. Price, 12-inch pots, 2 to 3 feet, \$2.50 each; 5-inch pots, 1½ to 2 feet, 75 cts. each; \$5.00 per 10.



Rhapis flabelliformis. A native of China and Japan. Upright growth, with reed-like stems and divided leaves. Very decorative. Price, 10 shoots, 3 feet, \$8.00 each; 7 shoots, 2 feet, \$4.00 each; 5 shoots, 1 foot, \$2.00 each.

Thrinax argentea. A native of the West Indies. Of slow growth; leaves fan-shaped and very round; color green, with golden tinge. Price, pots, 2 feet, \$10.00 each.

Sabal Blackbur-niana. A native of the West Indies. Of slow growth; leaves fan-shape. Price 4-inch pots, 9 to 12 inches, 50 cts. each.

Seaforthia elegans.

(*Ptychosperma Cunninghamii*.) "Illawarra Palm."

A native of Australia. Leaves pinnate; dark green; divisions narrow. Most graceful of house palms. Price, pots, 2 to 3 feet, \$2.50 each; 1½ to 2 feet, \$2.00 each; \$1 to 1½ feet, \$1.50 each.



KENTIA FOSTERIANA.

Pritchardia Pacifica. A native of the South Sea Islands. A tender variety. A very attractive palm; leaves fan-shaped and of dark green hue. Price, 12-inch pots, 5 feet, \$15.00 each.

Ptychosperma Alexandrae. A native of the Eastern Archipelago. Resembles the Seaforthia, but of finer growth, and back of the leaves tinged with silver. A greenhouse variety. Price, 7 ft., \$15.00 each.

Ferns

What more pleasing than a few beautiful growing ferns in your dining-room, parlor or hall? They impart cheer and happiness where otherwise gloom and weariness might prevail. Their presence lifts the thoughts up from brooding over life's ills to glory in the woods, brooks and hillsides.

Adiantum bellum. A grand variety, with tufted fronds about four inches long. Price, 50 cts. to \$1.00 each.

Adiantum capillus. Price, 50 cts. each.

Adiantum cuneatum. Graceful, useful and more generally cultivated than any other fern: of free habit and easy culture. Much used for cut flower work. Price, 5-inch pots, 75 cts. each; \$5.00 per 10; 4-inch pots, 50 cts. each; \$3.50 per 10.

Adiantum excelsum. Price, 50 cts. each.

Adiantum Farleyense. Discovered on Farley Hill, Jamaica. Grandest of all the Adiantums; requires stove treatment or warm greenhouse; two to three feet high; broad and pendulous, deeply fringed, crispy fronds. Price, 75 cts. to \$10.00 each.

Adiantum formosum. A strong growing, easily cultivated species; fronds light green, one to two feet high. Price, 75 cts. each.

Adiantum gracillimum. The most elegant and distinct of all the Maiden Hair ferns. Very light and graceful; fronds about a foot long. The multiplicity of pinnules gives it a peculiarly charming appearance; color, olive green. Price, 75 cts. each.

Adiantum hispidulum. Native of New Holland. Price, 50 cts. each.

Adiantum pulverulentum. Price, 50 cts. each.

Adiantum Williamsii. Native of Peru. A grand variety. Strong grower; fronds long and arched. When young the fronds are dusted with a yellow substance. Price, \$1.00 each.

Alsophila Australis. One of the largest of the celebrated Australian tree ferns. A magnificent, delicate-leaved variety of gigantic size. Price, boxed, 3 feet, \$3.50 each.

Aspidium falcatum. Price, 35 cts. each.

Asplenium bulbiferum. A strong-growing sort, of easy culture; fronds very long and arched; pinnules very fine. Price, 5-inch pots, 50 cts. each; 4-inch pots, 35 cts. each.

Asplenium nidus. (*Bird's Nest Fern*.) Price, \$50.00 each.

Blechnum Braziliense. Native of Brazil. A noble fern, making fronds from one to four feet long, and forming a stem as it attains age. Price, boxed, 5 feet, \$10.00 each; 3 feet, \$7.50 each; 5-inch pots, \$1.50 each.

Blechnum Occidentale. Native of Brazil. Price, \$1.00 to \$2.00 each.

Cyathea medullaris. One of the most elegant of Cyatheas. Price \$5.00 each.

Davallia Canariensis. (*Hares foot fern*.) Price, 25 cts. each.

Dicksonia Antaretica. One of the best of the cool-house ferns. The fronds are a fine glossy green color, and nature of plant strong and vigorous. Price, boxed, from 2 to 12 feet high, from \$4.00 to \$50.00 each.

Microlepia hirta cristata. (*Crested Fern*.) Native of South Sea Islands. Price, 50 cts. each.



ADIANTUM WILLIAMSII.

Onychium Japonicum. Useful fern for table decoration, its light, graceful fronds showing to perfection when so utilized. Price, 40 cts. each.

Polystichum angulare. Price, 75 cts. each.

Pteris cretica albalineata. This is a very attractive fern, suitable for home use,—particularly pretty on the dinner table. It grows freely and with but little care. Our stock is of small plants. When ordered with other plants, price 15 cts. each; otherwise, 20 cts.

Pteris longifolium. Native of the West Indies. Price, 50 cts. each.

Pteris cretica. Native of Candia; a very pretty fern, with dark green leaves beautifully marked with silvery white. Grows admirably both inside and outside. Price, 15 cts. each; \$1.00 per 10.

Pteris cristata. Price, 25 cts. each.

Pteris serrulata. Native of India. Price, 25 cts. each.

Pteris tremula. This is one of the best Pteris for house decoration. From 25 cts. to 50 cts. each.

Stag Horn Fern. (*Platycerium bicornis*.) Price, \$2.00 to \$5.00 each.

Roses

California is well nigh the only state in the Union where roses bloom perpetually. In keeping with the increasing demand for them, our assortment is fully abreast of the times, for we have from time to time added to our list such new varieties as we considered worthy of extended culture and of the demands of our critical trade. We have, however, by no means neglected the older kinds; our list amplifies this point. The rose, in common with all plant life, is not exempt from insects, pests and diseases. We shall endeavor in limited space to give a few hints on the treatment of the rose—in sickness as well as in health.

Time to Plant.—The rose may be set out any season of the year. The best time, naturally, is in the spring months. For planting during the months November to March, we would advise your taking stock from the open ground with naked roots, as we can give you a much stronger and larger bush than grown in pots. We also raise roses in pots for the convenience of customers desiring to plant in the late spring and summer months.

How to Plant.—Having enriched the soil with decayed manure, dig a much larger hole than the roots absolutely require; then, placing the bush in natural position, fill-in thoroughly, around the roots. When filled-in to level of ground press the surface earth so as to make the bush so secure that a subsequent rain may not unsettle it.

When flowers on the bush become decayed remove them; this permits new growth which will yield your next blooms.

Pruning should be done in December and January. Prune back and thin out as much as possible; because if you leave too many branches the bush cannot sustain them all and the flowers will be small and the stems short. Better to have ten creditable blooms than one hundred impoverished ones.

DISEASES: Aphis or Green Fly—The best remedy is tobacco smoke, which can be applied by covering the plant with a box or barrel and putting under it a little burning tobacco. The plant should remain in the smoke for several hours and then be thoroughly washed off with luke-warm water.

Rose Slug—It appears suddenly and increases very rapidly. Dust the bushes with air slack lime, ashes or dust, and repeat this operation as often as may be necessary. If more convenient, the plants may be sprinkled and washed with strong suds made with soap and salt or with brine alone.

Rose Bug is of a grayish color and about half an inch in length. It appears suddenly in June, and feeds on the opening buds and flowers. The only cure is hand picking. This is not a serious matter if attended to as soon as they appear. The best time to gather them is early in the morning.

Mildew—When plants suddenly become covered with a whitish-looking mould or dust the disease is Mildew. Unless a very severe attack, it will probably not kill them, but retard their growth. It is believed to be induced by atmospheric causes, as sudden changes of temperature or moisture. For out-door plants, a thorough stirring of the soil, with a view to encouraging strong growth, is probably the best plan. In-doors apply the same treatment with the addition of dusting flour of sulphur over the whole plant.

New Roses

Price, 4-inch pots, 35 cts. each; \$3.50 per doz.

Crimson Rambler. (*Polyantha.*) Originally received from Japan and introduced into England in the fall of 1893. It is of vigorous growth, making shoots from eight to ten feet in one season, thus making it a splendid pillar rose. It is also magnificent in bush form. One of the striking characteristics of this rose is its remarkable color, which is of the brightest crimson, which remains undimmed to the end, showing none of the objectionable purplish so common in crimson roses. The flowers are produced in great pyramidal panicles, each carrying from thirty to forty blooms, the individual blooms measuring from one to one and a half inches in diameter. The foliage is bright green and glossy.

Improved Rainbow. Very distinct in its markings; in place of being badly marked like Rainbow, the Improved Rainbow is penciled with brightest Papa Gontier color. Every petal in each flower, and base of petals, is of bright amber, making a very distinct and charming flower.

Mrs. W. C. Whitney. A magnificent new hybrid tea rose. The flowers are clear, deep pink in color, and of delicious fragrance; large, pointed buds and a very free bloomer.

Senator McNaughton. This is a sort of Perle des Jardins, and resembles that grand old rose with the exception of the color, which is a delicate creamy white; the flowers are very large and full and buds beautifully shaped; foliage dark and glossy.



AUGUSTINE GUINOSSEAU—(White La France.)

Roses of Recent Introduction

Price, 3-inch pots, 25 cents each; \$2.50 per dozen.

American Belle. (*Tea.*) Delicate soft pink, free and fragrant.

Augustine Guinosseau—"White La France" (*Tea.*) A pure white "La France" with an exceedingly faint rose tint at the base of its very broad petals. The buds and flowers are quite large, very fragrant and finely formed.

Augustine Halem (*Hybrid tea.*) Dark crimson; very free bloomer; sweet and fragrant.

Ernest Metz. (*Tea.*) Quite large; delicate rose; petals darker at center; full, and gracefully formed.

J. B. Varonne. (*Tea.*) Varying from dark rose to carmine; petals at base copper yellow; buds long.

Kaiserina Augusta-Victoria. (*Hybrid tea.*) Pure ivory white; large, full and magnificent in bud; stems long.

Lady Castlereagh. (*Tea.*) Color soft rosy yellow; outer edge of petals tinged with rose. Flowers generous size and well formed; foliage large and tough. Very vigorous and a late bloomer.

La France of '89. (*Hybrid tea.*) Long, elegant buds, of color approaching scarlet; rapid and strong grower.

Mad. A. Veysset. ("Striped La France." (*Hybrid tea.*) Resembles La France very much, but is much stronger in growth and the flowers are beautifully striped and shaded with a delicate white.

Mad. Caroline Testout. (*Hybrid tea.*) Very large; clear pink; very valuable as a forcing variety, as it has long and strong stems.

Margaret Dickson. (*Hybrid perpetual.*) Almost pure white; strong grower and free bloomer.

Mrs. Paul. (*Bourbon.*) Blush white shaded with rosy peach.

Salamander. (*Hybrid perpetual.*) Bright scarlet crimson; large and full; outer petals finely reflexed and center petals upright. Free bloomer and grower.

Striped La France. See Mad. A. Veysset.

White La France. See Augustine Guinosseau.

Tea or Ever-Blooming Roses

Price, field-grown, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Those marked with an asterisk we can supply in "Standard" (or "Tree") form, 2 and 3 years old heads at \$1.00 each, or \$10.00 per doz. No field-grown roses sent by mail.



MRS. W. C. WHITNEY.

* Can also supply in "Standard" (or "Tree") form. In ordering, please state whether you desire bush or standard roses.

Agrippina. Rich velvety crimson; very free bloomer; flowers in clusters. (*Bourbon.*)

***Alphonse Karr.** Bright violet crimson of purplish red shade, with brilliant carmine centre; buds and flowers large; a free bloomer and strong grower.

***Annie Cook.** Delicate shade of pink. Seedling from Bon Silene.

***Belle Lyonnaise.** Pale yellow, lemon tinge; very free bloomer.

Bon Silene. Deep rose, sometimes carmine; very fragrant; buds large and very beautiful.

Bougere. Bronze pink, and sometimes of a violet crimson shade; flowers full, double and extra large.

Bridesmaid. Very clear dark pink; much richer than Catherine Mermet.

***Catherine Mermet.** Clear rosy pink, elegantly pointed buds; full; fragrant; double; a very popular rose.

Comtesse Riza du Parc. Bright coppery rose, shaded with violet crimson. A fine variety.

***Coquette de Lyon.** Canary yellow; vigorous growth; full and gracefully formed.



Cornelia Cook. Creamy white; buds perfectly formed and magnificent.

Devoniensis. (*Magnolia Rose*.) Creamy white with rosy center, quite large, full and double; one of the finest.

***Duchess of Albany or Red La France.** Deeper in color than La France, but similar in form; buds numerous. A lovely rose.

***Duchesse de Brabant.** Soft silvery blush, generally changing to a deep rose; end of petals silver.

***Duchess of Edinburgh.** Deep rosy crimson; good substantial flowers.

Edouard Gautier. Center rosy chamois; outer petals white, reverse lined with rose; flowers medium, sweet, and of good substance.

***Elize Sauvage.** White tinged with yellow; a liberal bloomer. One of the best roses for out-door cultivation.

***Empress Marie of Russia.** Canary yellow, passing to white with a delicate tinge of pale lemon; flowers extra large, fine, full, fragrant.

Etoile de Lyon. Very similar to Perle des Jardins.

Golden Gate. Rich, creamy white, tinged with fine golden yellow; large, full and graceful; buds long. A recent production.

***Gold of Ophir.** Bright salmon; flowers peculiarly shaped. A very vigorous grower.

Grace Darling. Creamy white shaded with vinous crimson; fragrant and medium size.

***Isabella Sprunt.** Sulphurous yellow; free bloomer; has beautiful buds.

***La France.** Silvery pink; constant bloomer, very large and globular. Sweetest of all roses.

Lady Stanley. Rich crimson, though sometimes chamois red; buds tapering; flowers very large, double, sweet and lasting.

La Nankeen. Deep orange yellow at base, with creamy white tips; very fragrant. Magnificent buds.

***La Sylphide.** Blush, with fawn center; flowers quite large and double.

Letty Coles. Rosy pink, crimson in center; extra large, full, globular, double; with a sweet tea fragrance.

Luciole. Cherry red, shaded saffron yellow.

***Mad. Cusin.** Rosy purple at base of petals, center of flower almost white; very distinct, well formed, free and vigorous.

Mad. de Vatry. Rich scarlet; large, full form; double and very sweet.

***Mad. de Watterville.** A peculiar shade of creamy yellow, with beautiful tinge of carmine; petals shell-like, having a wide border of crimson; large, full and sweet.



MAD. CAROLINE TESTANT.

***Mad. Falcot.** A beautiful shade of apricot yellow. Flowers especially pretty in bud.

Mad. Hoste. Canary yellow, base of petals amber; full and very large. A most beautiful rose.

Mad. Lambard. Center purplish rose, outer petals creamy white shaded with rose. Extra large, full and double.

***Mad. Margottin.** Beautiful dark citron yellow; very large; and fragrant.

Mad. Scipon Cochet. Creamy, with deep crimson center, slightly tulip-shaped flowers; quite full and sweet.

Mad. Welche. Pale yellow center shaded with orange and copper. A vigorous plant and free bloomer; flowers well formed, quite large and double.

Magnolia Rose. See Devoniensis.

Marie d'Orleans. Rich coppery red, pink center; flowers quite large.

Marie Guillot. Pure white. Fine both in bud and flower; very fragrant.

Marie Lambert. Pale flesh-color, passing to a decided white; flowers large, regular, delightfully scented; buds very graceful.

*Can also supply in "Standard" (or "Tree") form. In ordering, please state whether you desire bush or standard roses.



***Marie Van Houtte.** White with yellowish tinge; petals bordered slightly with rose; well formed, full flowers. A grand rose.

Melanie Soupert. White, very full, large flowers.

***Meteor.** Velvety crimson, pure and beautiful.

Mrs. Jessie Fremont. Seedling from Duchesse de Brabant; buds not quite as large as that variety, but more double and of better substance.

Niphetos. Pure white; extra large, pointed buds. Too well known to require much description.

***Papa Gontier.** Bright rose or red; buds and flowers finely formed, long and pointed. A strong grower and profuse bloomer.

***Perle des Jardins.** Deep yellow; buds very large; an abundant bloomer and delightfully fragrant.

***President.** Red, shaded crimson; large, double and full; very free bloomer.

Princesse de Sagan. Velvety crimson, medium size.

Princess of Wales. Yellow, outer petals of a rosy tinge, center golden; flowers large and perfectly formed.

Princesse Stephanie. Salmon yellow; flowers large, full and sweet. Shy bloomer.

Princesse Vera. Coppery rose, sometimes deep red.

Rainbow. Bright pink, striped with deep carmine.

Red La France. See Duchess of Albany.

***Safrano.** Safron and apricot. Beautiful buds and free bloomer.



RAINBOW.



***Shirley Hibberd.** A beautiful Nankeen yellow. Flowers small, very pretty in the bud.

***Souvenir de Wootton.** Red; flowers very perfect and fragrant.

***Sunset.** Rich apricot, shaded coppery yellow; a free bloomer.

***The Bride.** Pure white; of most perfect form. Buds pointed and ends of petals slightly turned back, giving bloom a most chaste and pretty appearance. Has a delicious tea fragrance and is a very good bloomer.

***Triomphe de Luxembourg.** Buff rose color, large and full in bud.

Waban. Rich, deep, bright pink; an abundant bloomer; flowers medium size.

Grape Dust

Is a compound powder which effectually checks and destroys Mildew on Rose bushes in the open air or greenhouse. It is easy of application, economical, clean and effective. Per 5 lb. package, 50 cents. For list of other insecticides see page 28.



MAGNA CHARTA.

Hybrid Perpetual Roses

***Abel Carriere.** Rich crimson, deep center; of better form and finish than most dark roses; flowers full and large.

Alfred Colomb. Brilliant carmine crimson; flowers immense, of fine form and quite fragrant.

***American Beauty.** Brilliant pink shaded with carmine; flowers large and sweet. Delicious odor. A queenly flower, both in size, form and color.

***Anna de Diesbach.** Brilliant rosy pink; flowers large, double and very showy; a good grower.

Anna Alexieff. Superb rosy pink; flowers very large; a generous bloomer.

***Antoine Mouton.** Bright rose; very full;

***Baroness Rothschild.** Light rose, shaded with pink. An excellent rose.

Baron de Bonstetten. Rich, deep maroon, nearly black; flowers double, large and of velvety texture; nicely perfumed.

***Black Prince.** Dark crimson, shaded black; flowers cupped, large and quite fragrant.

***Captain Christy.** Delicate flesh with rosy center. Flowers extra large, double, full and quite fragrant. A splendid rose.

*Can also supply in "Standard" (or "Tree") form. In ordering, please state whether you desire bush or standard roses.

Charles Dickens. Rose color; vigorous and hardy produces flowers in immense masses.

***Charles Lefebre.** Bright velvety scarlet; finely shaped; petals smooth and heavy.

***Dinsmore.** Deep crimson, nearly scarlet; very showy, handsome, well formed flowers; very hardy.

Duchess of Bedford. Light scarlet crimson; the most brilliant of its color; flowers full, large and perfect. A vigorous grower.

Duke of Edinburgh. Vermilion; finely cup-formed and a good grower.

Duke of Teck. Decided scarlet crimson. An excellent rose.

Earl Dufferin. Rich crimson shaded with maroon; flowers large and very graceful; good grower and free bloomer.

***Empereur de Maroc.** A rich deep maroon tinged with purple. One of the best dark roses.

***Empress of India.** Dark brownish crimson; decidedly double; round, large and full.

Fisher Holmes. Rich crimson; flowers large and of fine form with velvety texture.

***General Jacqueminot.** Brilliant crimson—very glowing. Flowers large, perfect and beautiful; decidedly fragrant. A most popular rose.

General Washington. A fine crimson; flowers full and double; a profuse bloomer and moderate grower.

Gloire Lyonnaise. Creamy white shaded to yellow at center; flowers well shaped, full and very fragrant.

***Her Majesty.** A shade of rosy salmon; flowers of immense size, perfectly formed, and of exquisite coloring.

***John Hopper.** Bright rose, carmine center; flowers cup-shaped and well formed; very robust.

***Louis Van Houtte.** Reddish scarlet, shaded with purple; blooms large, full and finely shaped. A very showy rose.

Mable Morrison. White flesh, changing to pure white; flowers cup-shaped and freely produced. Said to be a white form of Baroness Rothschild.

***Mad. Chas. Wood.** Reddish crimson, shaded scarlet; large double flowers. A profuse bloomer.

***Mad. Gabriel Luizet.** Glistening pink; double and full, having broad shell-like petals; very beautiful and deliciously perfumed. A vigorous grower.

Mad. Plantier. Pure white; flat; medium size.

M'lle Annie Wood. Violet crimson, very brilliant. An early and generous bloomer of large, exquisitely perfumed flowers.

***Magna Charta.** Pink suffused with carmine; an excellent rose and sweetly perfumed. Should be in every garden, being one of the most satisfactory of roses both as to habit and as to results.

Marchioness of Lorne. Rich red, shaded in center with carmine; blooms large and double, having long exquisitely shaped buds; a very fragrant rose and good bloomer.

***Marie Baumann.** Brilliant carmine crimson; exquisite; large, full and very sweet.

***Marshall P. Wilder.** Carmine; flowers graceful.

Merville de Lyon. Pure white. A superb flower; large, double and cup shaped.

***Mrs. John Laing.** Clear pink; of vigorous growth; flowers of elegant form and finely perfumed. A most delightful rose.

***Paul Neyron.** Color deep rose; flowers of immense size; a free bloomer.

***Prince Camille de Rohan.** Deep crimson; large, rather full; velvety texture.

Pink Rover. Pale pink deepening in center; bloom full and expanded, very fragrant and buds exquisitely shaped; free flowering and of climbing tendency.

Queen of Queens. Pink petals, bluish edges; blooms large, full and perfectly formed.

Queen of Waltham. Rich crimson; large, full and well-scented; a continuous bloomer and hardy grower.

Rosy Morn. Salmon rose, with a shade of light red; exquisitely fragrant; large and double.

***Souv de la Malmaison.** Clear flesh; large and double; an old favorite.

***The Queen.** Snowy white. Buds of exquisite formation and nicely scented. Profuse bloomer.



STANDARD OR TREE ROSE.

***Ulrich Bruner.** Cherry red. A very vigorous rose with globular flowers of great beauty.

Vick's Caprice. Satiny pink, striped and splashed with white and carmine.

***Victor Verdier.** Fresh bright rose with carmine center. A superb rose with large double flowers.

***White Baroness.** White; similar to Mabel Morrison.

Xavier Olibo. Dark velvety purple; very distinct, large and well formed.

Climbing Roses

Aimee Vibert. Pure white; profuse bloomer.

Baltimore Belle. Pale blush, nearly white.

Banksia, White. Rapid climber; profuse bloomer.

Banksia, Yellow. Similar to the preceding, but flowers yellow.

Cecile Forestier. Pale yellow; deepening towards center.

Cherokee, Double. This is a strong climber, and has double white flowers.

Cherokee, Single. Large, single, pure white flowers.

Claire Carnot. Yellow, petals bordered with white and carmine rose. Of vigorous growth, with medium sized, well formed flowers.

Cheshunt Hybrid. Red shaded with violet; large, full flowers.

***Cloth of Gold.** Deep yellow, sulphur edges. An attractive rose.

Devoniensis, Climbing. A sport from Devoniensis.

***Glorie de Dijon.** Deep orange buff. Grand bloomer.

*Can also supply in "Standard" (or "Tree") form. In ordering, please state whether you desire bush or standard roses.



BANKSIA ROSE.

PAMPAS GRASS.

Glory of Cheshunt. Rich crimson. A rose of great merit.

Greville or Seven Sisters. Blush tinged and striped with white and red.

Lamarque. Pure white, center tinged with yellow. Admired by all.

***Marechal Niel.** Deep yellow; extra large; buds of immense size. One of the most beautiful roses in cultivation.

Mary Washington. Pure white; flowers medium; a profuse bloomer.

Niphotos, Climbing. A sport from Niphotos.

Perle des Jardins, Climbing. A grand climber.

Reeve d'Or. Buff and apricot yellow. Strong grower.

Solfaterre. Sulphur yellow; large, full and slightly fragrant.

Seven Sisters. See Greville.

W. A. Richardson. Orange yellow; flower medium size and very distinct.

Moss Roses

Crested Moss. Deep pink surrounded by mossy fringe.

Glory of Mosses. Pale rose; very large; a moderate grower.

James Veitch. Deep violet of a crimson shade; extra fine, large and double.

Princess Adelaide. Pale rose; medium size, good form and a vigorous grower.

Raphael. Pinkish white shaded with rose.

Salet Moss. Light rose; flowers large and full; a good grower and free bloomer.

White Bath. White, sometimes tinged with flesh. Moderate, erect growth. The best white moss rose on the market.

*Can also supply in "Standard" (or "Tree") form. In ordering, please state whether you desire bush or standard roses.



Polyantha Roses

Clothilde Soupert. Pure white, with pinkish center; free bloomer.

Jeanne Drivon. Pure white; faintly tinged with crimson; full form, very double and quite fragrant. A great favorite.

Mlle Cecile Bruner. Clear rosy pink, passing to white; full, regular, very double and pleasantly

fragrant. A constant bloomer. Prized by all as the "baby rose."

Mignonette. Light pink; full and regular; very double; borne in large clusters.

Perle d'Or. Nankeen yellow, orange center; small and of good shape.

Miscellaneous Roses

Austrian copper. This is a single variety, but the color is a vivid scarlet and yellow; very beautiful.

Coupe d' Hebe. Deep pink, cup form.

River's Musk. Pink, shaded with pink.

Rosa Mundi. White, striped with carnation; large semi-double.

Rogusa alba. Single white; large and fragrant.

Rogusa alba plena. Similar to the preceding, but has double flowers.

Rogusa rubra. Deep rose tinged violet; single; very fragrant.

Sweet Briar or Eglantine. The foliage of this rose emits a most delightfully pleasing odor, especially on a dewy morning.

The following varieties we can supply in STANDARD form only:

Abel Grand. (*Hybrid perpetual.*) Clear silvery rose, large and full.

Baronne Prevost. (*Hybrid perpetual.*) Rose, shaded with crimson; very fragrant.

Charles de Thezillat. (*Tea.*) Creamy yellow, center chamois. Very large, full and globular.

General de Tartas. (*Tea.*) 'Brilliant carmine shaded violet-purple.

Gloire de Margottin. (*Hybrid perpetual.*) Dazzling scarlet; profuse bloomer. A most striking rose.

Mad. Alfred Carriere. (*Hybrid perpetual.*) Rich creamy white, tinged yellow, full and double; very fragrant.

Pride of Reigate. (*Hybrid perpetual.*) Carmine red; striped and spotted with red.

Souv. de Gabriel. Drevet. (*Tea.*) Salmon, faintly tinged with crimson. Fragrant and beautiful.

Souv. d'Espagne. (*Tea.*) Coppery-yellow, beautifully suffused with rose; free bloomer.

The following roses we can supply in pots. Prices, except where noted: 2½-inch pots, 10 cts. each, \$1.00 per dozen; 3-inch pots, 25 cts. each, \$1.50 per dozen.

American Beauty. 20 cts. each, \$2.00 per dozen.

Augustine Guinosseau.

Annie Oliver.

Bongere.

Bridesmaid.

Catherine Mermet.

Climbing Hermosa.

Duchesse de Brabant.

Duchess of Albany.

Gloire de Dijon.

Gloire de Margottin.

Lamarque.



Marechal Niel.

Niphotos, Climbing.

Papa Gontier.

Perle des Jardins.

" " " Climbing.

Porter's Yellow.
(*Beauty of Glazenwood.*)

Reine Marie Henriette.

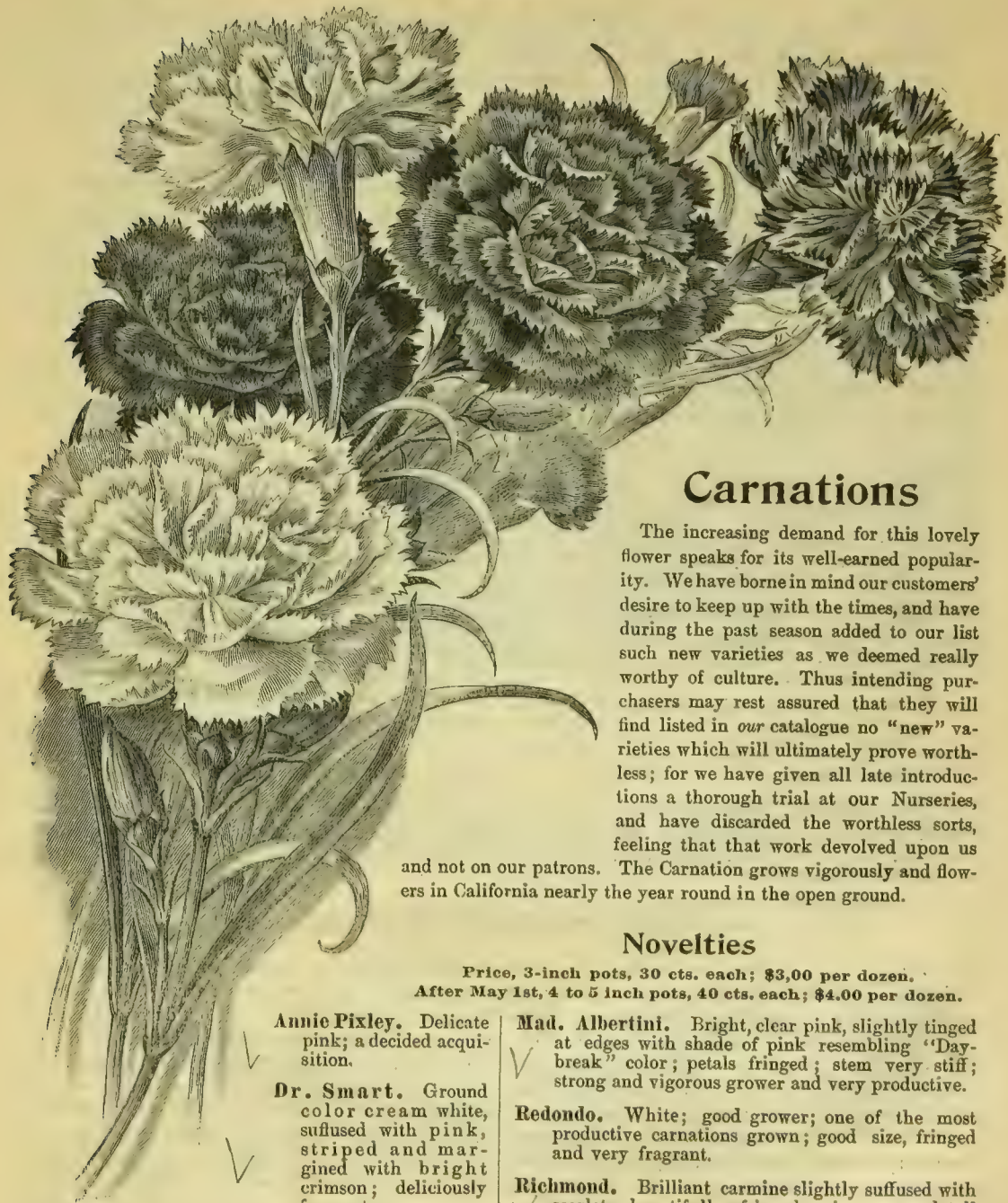
Reeve d'Or.

Rainbow.

Souv. d'un Ami.

Safrano.

The Bride.



Carnations

The increasing demand for this lovely flower speaks for its well-earned popularity. We have borne in mind our customers' desire to keep up with the times, and have during the past season added to our list such new varieties as we deemed really worthy of culture. Thus intending purchasers may rest assured that they will find listed in our catalogue no "new" varieties which will ultimately prove worthless; for we have given all late introductions a thorough trial at our Nurseries, and have discarded the worthless sorts, feeling that that work devolved upon us and not on our patrons. The Carnation grows vigorously and flowers in California nearly the year round in the open ground.

Novelties

Price, 3-inch pots, 30 cts. each; \$3.00 per dozen.
After May 1st, 4 to 5 inch pots, 40 cts. each; \$4.00 per dozen.

✓ **Annie Pixley.** Delicate pink; a decided acquisition.

✓ **Dr. Smart.** Ground color cream white, suffused with pink, striped and margined with bright crimson; deliciously fragrant.

✓ **Edna Craig.** Very large; lovely pink, petals heavily fringed; long stiff stems.

✓ **Governor Russell.** Large size, pure white; very fragrant; flowers borne on stems twelve to fifteen inches long.

✓ **Hellen Keller.** Large, attractive; stem long and strong; flower delicately striped with scarlet, on pure white ground; very productive.

✓ **Mad. Albertini.** Bright, clear pink, slightly tinged at edges with shade of pink resembling "Daybreak" color; petals fringed; stem very stiff; strong and vigorous grower and very productive.

Redondo. White; good grower; one of the most productive carnations grown; good size, fringed and very fragrant.

✓ **Richmond.** Brilliant carmine slightly suffused with scarlet; beautifully fringed; vigorous and tall grower.

Sweet Briar. Beautiful pink, a shade darker than Daybreak; strong and vigorous grower. Bound to be very popular.

✓ **The Stuart.** Very large and of good substance brilliant scarlet; plant very vigorous; stem extremely long, stiff and strong; magnificent keeper.



William Scott. Very large, full and of good shape; bright, yet delicate pink; strong, long stems; plant healthy and vigorous. The most prolific pink carnation in existence to-day. Magnificent keeper.

Uncle John. Large; pure snow-white; constant and prolific bloomer. Plant strong and bushy. Excellent keeper.

Western Pride. Medium to large; splendid form and build; white, striped with bright scarlet.

Standard Varieties

Price, 10 cts. each; \$1.00 per dozen. After May 1st, 4 to 5 inch pots, 20 cts. each; \$2.00 per dozen.

✓ **American Flag.** Red stripe on white ground; very showy; free bloomer and vigorous grower.

Anna Wiegand. Pale pink; good, strong grower and free bloomer.

Ben Hur. Large; light pink shaded salmon; very vigorous.

✓ **Black Knight.** Dark crimson, nearly black.

✓ **Century.** Large; rich deep carmine; very vigorous.

Cherry Lips. Extra large; deep bright carmine; strong grower.

✓ **Daybreak.** Very large, perfectly double; delicate shade of pink.

✓ **Fred Creighton.** Light pink; strong grower with long stems.

✓ **Fred Dorner.** Immense flowers; scarlet of richest shade; strong grower; free bloomer.

Grace Wilder. Rich rose, fringed edge; a fine forcing variety.

Heinz's White. Large; beautiful satiny white, slightly tinted with yellow.

✓ **La Puritie.** A very desirable shade of carmine; well-formed flowers.

Lizzie McGowan. Immense flowers; pure white long slender stems.

Mrs. Fisher. Fine white; robust grower and free bloomer.

Nancy Hanks. Shell pink; a very pretty variety.

Nellie Lewis. Light pink streaked and splashed with a darker tinge; strong grower and free bloomer.

Peach Blow. White, lilac shadings.

Portia. Brilliant scarlet. In richness of color, profusion of bloom and vigor of growth this variety is unequalled.

Puritan. Large and full; showy white.

Robert Craig. Intense brilliant scarlet; strong grower and free bloomer; dwarfish habit.

San Mateo. Large and fringed; light scarlet.

Silver Spray. Pure white; a wonderfully free bloomer and vigorous grower. Good for winter forcing.

Thos. Cartledge. Carmine; vigorous grower.

Welcome. Large; beautiful cherry pink; free bloomer.

W. F. Dreer. Large, rose pink; finely fringed; free bloomer and robust grower.

White Dove. Very large; pure glistening white; deeply notched.

White Wings. Large; white; beautifully fringed.

THE BEST SIX YELLOWS—The following free blooming vigorous Carnations we can recommend as the most dependable: Buttercup, Eldorado, Golden Gate, Kitty Clover, Mrs. H. M. Stanley, Starlight. 15c. each, 75c. for the six. After May 1st, 4 to 5 inch pots, 25c. each; \$1.25 for the six.

Chrysanthemums

All lovers of the garden are so familiar with this beautiful fall flower, it seems superfluous to add anything in its praise. We will, therefore, simply give a few cultural hints, which we trust will be readily understood by all. Obtain for planting small rooted cuttings. These should be set out during the spring months, in well manured soil. Do not plant too close together, but allow so much room between that each plant will have ample nourishment. If large flowers be desired, all but two or three shoots should be removed, otherwise the flowers will be small and unlike those seen at our nurseries and store during this and previous seasons. When growing, chrysanthemums should have abundance of water. Take cuttings from the old plants in the spring months (throwing the plants away); set them out in sand; when rooted, put them in pots; when well established, they may be planted in the desired location. Propagate only such varieties as have done well with you, and add to your collection such new kinds as we recommend, so that your assortment will not be behind the times.

As our list evidences, we have added during the past year nine new varieties of 1894 introduction, which, as description indicates, are decidedly worthy of further culture. We have made these selections from some hundred introductions, and it is but truth to say that in our judgment they are "the pick" of the 1894 Novelties put out by the world's greatest chrysanthemum specialists. Not satisfied with advances made by other chrysanthemum growers, we ourselves have for some years past been industriously at work with a view to finding from our own efforts some results in the way of novelties so sterling as would surprise and please our many patrons. What we have achieved in this direction will be seen on another page.



Novelties of 1894

Price, 2½-inch pots, 30 cts. each; \$3.00 per dozen; or the full set for \$2.50.
After May 1st, 4 to 5 inch pots, 50 cts. each; \$5.00 per dozen; or the full set for \$4.50.

Achilles. Very large; incurved; soft shaded pink when opening, gradually changing to a pearl white—its color when developed. Winner of first prize at New York show.

Beau Ideal. Good size and substance; bright rose pink; petals broad; outer ones horizontal with center incurving.

Challenge. Bright yellow; petals incurved, forming a perfect ball; of dwarfish habit; a late bloomer. Winner of many prizes.

Eugene Dailedouze. A grand bright yellow; outer petals broad and incurving; good stem and foliage. "We consider this the crowning glory of the year in new Chrysanthemums," says E. G. Hill, a well-known eastern introducer.

Mayflower. Very large; white; bold, irregular flower, incurved, the lower petals drooping, giving it a very graceful form; extra good stem and handsome foliage. In every way a grand flower.

Minerva. Very large; vivid clear yellow; incurved; a perfect flower; extra good stem and fine handsome foliage. Certificates of merit at New York and Philadelphia shows

Mrs. E. G. Hill. Very large—7 to 8 inches in diameter, 3 to 4 inches deep; clear pearl pink; full to the center; a grand incurving sphere



when fully developed. Very free in growth; luxuriant in foliage, which is carried quite close to the flower; stem very stiff; keeping qualities wonderful; very early bloomer.

Titian. Very large; deep, but clear rose pink; reflexed; good stem and foliage; late.

Yellow Queen. Very large; clear bright yellow; extra stout stem and foliage; dwarfish. Pronounced by experts the finest very early variety ever introduced.

Choice Standard Varieties

Price, 10 cts. each; \$1.00 per dozen. After May 1st, 4 to 5 inch pots, 20 cts. each; \$2.00 per dozen.

Red and Shades of Red

Anna Woods. Bright rosy magenta; petals broad and thick, outer rows quite horizontal, with incurving center, showing a silvery lining; perfectly double.

Black Beauty. Large; deep crimson maroon, with high center.

Creole. Large; deep claret, reverse of petals bright garnet; bold flowers with broad but not coarse petals; sturdy grower with fine foliage; early.

Cullingfordi. Foremost among dark crimson varieties.

G. W. Childs. Deep, rich velvety crimson; flowers reflexed, borne on strong, stiff stems; best early red variety.

Joey Hill. Grandest size; deep cardinal red of beautiful shade, faced with old gold; outer petals flat, showing color to good advantage; very strong in growth.

King of Chrysanthemums. Incurved; broad petals.

Mohican. Large; deep mahogany color; petals incurved, covering center; of vigorous growth and habit.

Mrs. Herbert Leon. Very large; full and double; early.

Mrs. Wm. Bowen. Red and gold; free grower and bloomer.

O. P. Bassett. One of the finest reds; might well be called the giant Cullingfordi, color and form being similar; petals broad and heavy.



Pink and Shades of Pink

- Ada Spaulding.** A striking variety; lower half pink, the upper half shading to white.
- Colonel H. M. Boise.** Rose pink; petals very twisted.
- Emma Dorner.** Deep violet pink.
- Alberic Lunden.** Large; rich crimson; recurved petals.
- Lillian Russell.** Of immense size; clear silvery pink.
- Lily Bates.** Very large; perfectly double; clear bright pink; petals broad and flat.
- Lizzie Cartledge.** Extra large; full double; under row of petals reflexed; dark rose, reverse silvery white. One of the best.
- Louis Boehmer.** Violet pink; edges of petals fringed; fine strong grower and excellent keeper. A popular sort.
- Mrs. D. D. L. Farson.** Delicate pink.
- Ninevah.** Large pink; free grower.
- Princess of Chrysanthemums.** An immense ball of incurving and twisting petals; delicate shade of lavender pink; one of the largest.
- Ruth Cleveland.** Delicate silvery pink; petals broad and incurving, outer rows reflexed. Much admired by Mrs. President Cleveland.
- Vivian Morel.** Extra large; petals long and loosely arranged; a beautiful light shade of pink; one of the best of late introductions.

Yellow and Shades of Yellow

- Colonel W. B. Smith.** Large and double; golden bronze.
- Gloriosum.** Yellow; one of the best early varieties.
- Golden Wedding.** Very large; deep yellow; high in the center, with petals incurved and loosely twisted, the outer ones somewhat drooping and reflexed; created a sensation when introduced two years ago.
- H. Cannell.** Good yellow; large golden ball; very early; considered one of the best yellows.
- H. E. Widener.** Bright yellow without shadings; flowers on stiff, stout stems; free bloomer; one of the best yellows.
- Illuminator.** Very deep, bright, clear yellow; large full, round flower, with broad, straight petals. Excellent keeper.
- Mr. Hicks Arnold.** Old gold color; large, full, double flowers; strong grower.
- Mrs. L. C. Madeira.** Bright orange yellow; petals upright like unopened pointed quills.
- Mrs. Maria Simpson.** Very large; fine chrome yellow; a perfect incurved variety, showing no center.
- Mrs. Winthrop Sargent.** Brilliant straw color; incurved, carrying its flowers on long, stiff stems; very large, if not the largest of this color.
- Sabine Mea.** Large globular flower; beautiful golden yellow.
- W. H. Lincoln.** An immense double; pure yellow.



Choice Standard Whites

- A.T. Ewing.** Creamy white, heavily branded and penciled with carmine pink; petals very thick, broad and flat, with nicely rounded tips; perfectly double.
- Capt. J. C. Ainsworth.** A mammoth flower of great substance, with beautiful dark green foliage; long, stout stems; petals remarkably broad and long; color pure glistening white. A grand flower.
- Elaine.** An old variety, but one of the best whites.
- Empress of Japan.** White; incurved, with long graceful petals.
- L. Canning.** Large; white; good for all purposes.
- MISS LYDIA K. HOPKINS.** White, irregularly suffused with pink; a grand variety. Highly thought of by its introducer, Mr. E. G. Hill of Richmond, Ind.

Mlle Theresa Rey. A most lovely ivory white; grand proportions.

Miss Kate Brown. Good to grow blooms; also makes fine pot plant.

Niveus. A grand snow-white variety; center irregularly incurving, with outer petals reflexing, nearly to the stem; foliage large and abundant; flowers long keepers.

The Queen. The grandest white yet produced. Pure snow-white incurved flowers of largest size, with broad and handsome petals. A flower of perfect form and grand habit.

Pelican. Very large; creamy white; late.

W. G. Newitt. White; center upright; rim drooping.

Pelargoniums

Choice Regal Varieties

Price, 2½-inch pots, (available up to March 15th only), 15 cts. each; \$1.50 per doz.; 4-inch pots, 30 cts each; \$3.00 per doz.; 5-inch pots, 40 cts. each; \$4.00 per doz.

Arvon. Upper petals rich crimson, blotched with blackish maroon, and edged with rose; under petals soft rose.

Black Prince. Petals wavy, very dark red, blotched with black; one of the darkest.

Capt. Raikes. Upper petals deep fiery crimson, flaked with purplish black and bordered with carmine; lower petals clear bright fiery crimson.

Carnival. Light salmon pink; petals feathered with crimson maroon.

Cecilia. Upper petals dark velvety maroon, surrounded with bright crimson and edged with rose; under petals rosy pink.

Damon. Upper petals bright crimson, blotched with maroon; under petals rosy crimson, white center; petals edged with white.

David Neely. Rich, glowing vermillion, white center, edged with light rose.

Dr. Masters. Large black blotches in center, margin rich crimson, lower petals having small blotch.

Duke of Albany. Deep rich crimson maroon, margined rosy lake, light center; all the petals beautifully undulated and fringed; fine full flower.

Duchess of Bedford. Pure white; pink spot on upper petal.

Embassy. White, faintly suffused with violet; the two upper petals blotched with deep violet maroon.

Empress of India. Brilliant shade of salmon scarlet, upper petals blotched with dark crimson, light center; splendid trusses. A magnificent variety.

Exchequer. Upper petals maroon, surrounded with crimson and margined with rose; under petals rose; center light.

Gloria Patria. Pure white, upper petals feathered crimson; edges fringed.

Gloire de Paris. Brilliant red; very effective; free bloomer.

Golden Gate. Deep salmon pink, center shaded with light violet; edged with bluish white; upper petals feathered with bright crimson.

Jubilee. Delicate soft china pink, with reddish maroon blotch, white center; margin beautifully crimped.

Madame Thibaut. White, richly blotched and marbled with rose; upper petals marked with crimson-maroon; large white center; immense trusses.

Madame Vibert. Black maroon blotches edged with fiery red; flower entirely edged with rose.

Myra. Upper petals dark maroon, surrounded with bright crimson and edged with rose; lower petals soft pink, spotted with crimson; light center.

Neptune. Rosy purple, petals blotched and feathered with maroon.

Pilot. Bright rosy pink, blotched with dark velvety crimson on upper petals; light center.

President Harrison. Sport from Madame Thibaut, but deeper than it in color; deep purplish pink; very dwarf and free.

Prince George. Soft salmon pink; under petals marked with small blotch of orange maroon; upper petals blotched with blackish maroon; enormous trusses.

Prince of Pelargoniums. Vermilion scarlet, blush white center, upper petals flushed with crimson; edges beautifully fringed.

Prince of Wales. Bright vermillion, light center and edges; remarkably free bloomer, producing large trusses of very effective flowers.

Princess Beatrice. Blush white, deep crimson blotch on each petal; semi-double.

Princess Maud. A sport from Volonte Nationale, but with deeper colored blotch on each petal. Very large and satisfactory.

Queen Victoria. Rich vermillion, broadly margined with pure white; upper petals very crispy and of blotched maroon color.

Rustic. Upper petals rich crimson, shaded with maroon; under petals clear rich crimson; light center, shaded violet.

Starlight. Rosy pink; upper petals blotched with maroon and surrounded with fiery crimson.

Zenobia. Blackish maroon; upper petals surrounded with crimson and edged with light rose; under petals rosy crimson spotted with maroon; light center.



Geraniums

Price, except where noted, 2½-inch pots, 15 cts. each; \$1.50 per doz.; 3-inch pots, 20 cts. each; \$2.00 per doz.

Adolph Griminger. Double; bright crimson.

Compte de Belsan. Single; pink edged white.

Copernic. Double; light pink, very large; of dwarf habit.

Dr. Phinney. Double; light crimson.

Jeanne d'Arc. Single; bright scarlet, edged and feathered white.

Lord Palmerston. Single; crimson, large.

Louis Boutard. Double; dark salmon center, lighter border.

La Hugenot. Double; salmon, white border.

Mad. Ayme de la Chevreliere. Double; white.

Mad. Charlotte. Double; purple.

Master Christine. Single; dark pink.

M. V. Neulands. Double; clear white, scarlet border.

Petite Jeanne. Double; large, pink.

Queen of the Belgians. Double; white.

Sam Sloan. Double; very dark crimson.

S. A. Nutt. Double; rich dark crimson; trusses massive.

Wonderful. Semi-double; scarlet.

Bronze-leaved Varieties

Marshall McMahon; Mrs. Pollok.

Silver-leaved Varieties

Mad. Salerii, 10 cts. each, \$1.00 per dozen; Mountain of Snow, 15 cts. each, \$1.50 per dozen.

Ivy-leaved Varieties

Price, 15 cts. each, \$1.50 per dozen.

Cramvisii; Eden Marchii; Edward Charton; Fantaisii; Galilee; Henry Martin; La Mauve; Souv. de Chas. Turner.

Rose-leaved Varieties

Price, 15 cts. each, \$1.50 per dozen.

Plain and variegated.

Fuchsias

Price, 2½-inch pots, 10 cts. each; \$1.00 per doz.; 4-inch pots, 25 cts. each; \$2.50 per doz.

Berliner-Kind. Double; corolla white, sepals rosy pink.

Buffon. Corolla white, tinted rose; of good habit. A decided acquisition.

Colonel Domine. Double; corolla very large, tubes and sepals rosy lake.

Duke of Albany. Single; purple; drooping, large size and good form.

Jumna. Double; corolla rich purple, base marked with rosy crimson; enormous size.

Jupiter. Double; corolla rosy violet, sepals bright coral red.

Minnesota. Single; purple.

Mohlesworth. Double; corolla white, tubes and sepals bright carmine.

Mons. Thibaut. Single; corolla rose vermilion, sepals dark red.

Mrs. E. G. Hill. Double; corolla creamy white and very large, sepals dark red and much reflexed; free bloomer.

Miss Lucy Finnis. Double; corolla pure white, tubes and sepals coral red; free bloomer.

Regent. Corolla violet blue, sepals violet carmine, recurved; large, flowers of finest form.

Storm King. Double; corolla pure white; very large; free bloomer.

Cannas

During the last few years, the Canna has made phenomenal advancement. The older varieties known as "Indian Shot" have been so much improved that they can scarcely be recognized in the New Dwarf French sorts of to-day. Cannas produce magnificently colored flowers, from canary yellow to rich vermilion. They have rich green and bronze leaves and are especially desirable for massing on lawns; when so planted they give a beautifully tropical effect to a place. They succeed admirably around lakes and ponds. In the growing season they need an abundance of water. Below will be found a list and description of the kinds we offer. We have discarded such as did not prove satisfactory in our trial grounds.

Price, 25 cts., each, \$2.50 per dozen.

Alphonse Benvier. Bright cardinal red; enormous truss; spikes freely produced; height 3½ feet.

Capitaine P. De Suzzoni. Clear yellow shade, slightly spotted; large and good; foliage light green; height 4 feet.

Comte Horace de Choiseul. Deep crimson; large; foliage deep green; height 4½ feet.

Duchesse de Montenard. Bright yellow, spotted red; very large, foliage green, height 4½ feet.

Ehemani. Crimson, produced in masses; foliage rich green.

Emile Leclerc. Bright golden yellow, spotted crimson; large; pea green foliage. A lovely sort.

Enfant du Rhone. Rosy salmon, overlaid and striped with orange scarlet; foliage green; very free bloomer; height 3½ feet.

Florence Vaughan. A grand yellow, heavily splashed with bright red, producing a gorgeous effect; petals very broad, spikes large and compact; a dwarf grower. Sold in the East two years ago at \$3.00 per small root.

Francois Crozy. Deep salmon, edged bright yellow foliage deep green; height 3½ feet.



Geoffroy St. Hillaire. Rich scarlet overlaid with orange; foliage bronze purple; very free bloomer; height 4½ feet.

Gustave Sennholz. Salmon, smoothly shaded with lighter salmon; very large; foliage deep green; height 3½ feet.

Ingenieur Alphand. Deep carmine red; dark purplish foliage; height 4 feet.

J. D. Cabos. Orange apricot; foliage elegant bronzy purple. A beautiful variety; height 4 feet.

Mad. Crozy. Orange scarlet; petals bordered with golden yellow; immense trusses. Foliage bright green. One of the best; height 4 feet.

Mlle de Cruillon. Light yellow, shading to terra cotta; large; foliage green; height 4 feet.

Mr. Lefebvre. Cerise carmine with dark shadings; foliage dark bronzy purple; height 4½ feet.

P. Marquant. Deep salmon, passing to rose tinted carmine; splendid green foliage; height 4½ feet.

Pres. Carnot. Deep scarlet, large and beautifully rounded; foliage dark chocolate. A grand variety, height 3½ feet.

Pres. Hardy. Deep orange mottled with rich chrome yellow; foliage green. A unique and pretty sort, height 3½ feet.

Robusta perfecta. Immense leaves 12 to 18 inches wide and 3 feet long, of a bright bronze color.

Secretaire Nicolas. Rich salmon red overlaid with orange; foliage pea green; height 3½ feet.

Star of '91. Bright orange scarlet, faintly banded with yellow; foliage bright green; very dwarf habit, height 3 feet.

Ventura. Light red, overlaid with carmine; foliage deep green; height 4 feet.

Orchids

Calanthe Veitchii. A terrestrial orchid of vigorous growth, and especially recommended to beginners on account of its easy culture as it will thrive in any ordinary greenhouse. Price, \$2.00 and \$3.00 each.

Cattleya. The *Cattleyas* are among the grandest and most beautiful members of the orchid family. The species are natives of South or Central America. Each of the varieties we offer can be grown in baskets or pots, with fern fiber and a little sphagnum moss. They all require a liberal supply of water during the growing season, which should, however, be lessened after the new pseudo bulbs are formed.

Cattleya Mossiae. One of the finest orchids in cultivation, the large, sweet-scented flowers, five to six inches across, being borne on a tall, three to five flowered scape. They vary much in color, running through different shades of lilac and rose. The large lip is rich purple with lilac border and much crimped at the margin. A native of Venezuela. Price, \$2.00 to \$3.00 each.

Cattleya Percivaliana. The flowers of this species are shaped much like *C. Mossiae*, but smaller and generally darker in color. The lip is especially brilliant, being of a rich crimson margined with rosy pink, and marked with golden yellow in the throat; margin much fringed. Native of New Granada and Venezuela. Price, \$2.00 to \$3.00 each.

Cattleya Trianae. The most useful orchid in cultivation, flowering in mid-winter when orchid flowers are most in demand. The flowers are from five to eight inches across, varying from almost pure white through all shades of rose, lilac and purple, most exquisitely blended. A native of New Granada. Price, \$2.00 to \$3.00 each.

Dendrobium nobile. Flowers two to three and a half inches across, and borne in twos and threes on the upright pseudo bulbs. Very fragrant; of a translucent texture. White and various shades of purple; very showy. Culture same as recommended for *D. Wardianum*. A native of India. Price, \$1.00 to \$2.00 each.

Dendrobium Wardianum. Flowers three to four inches across, borne in twos and threes to the number of forty, along the drooping pseudo bulb. Sepals and petals white, tipped with purple; lip bright orange, with two eye-like spots of crimson-magenta. Requires to be grown in a basket or on a block. During the growing season it should be kept in a temperature of about 60 degrees and be liberally supplied with water, but during the resting season water should almost be suspended. Native of Northern India. Price, \$1.00 to \$2.00 each.

Laelia anceps. Flowers four inches in diameter, and borne on a four to six flowered tall scape, sometimes three feet high. The sepals and petals rosy blush, the lip deep purple, shaded and marked with rose and yellow. Native of Mexico. Price, \$1.00 to \$2.00 each.

Laelia albida. A desirable species, producing three to six medium-sized flowers at the top of a scape one and a half to two feet high. Their colors are white and pale pink, veined with yellow. Best grown on a block or in a basket with plenty of drainage, in a very little moss, and delights in a temperature of 50 degrees in the resting season to 65 in the growing season, with plenty of air, all the light possible, and only sufficient shade to protect it from the burning sun. Native of Mexico. Price, \$1.00 to \$2.00 each.

Odontoglossum crispum. (*Alexandra*.) Flowers produced in great abundance on long pendulous spikes; white, often flushed with rose, beautifully undulating. Native of Colombia. Price \$2.00 to \$3.00 each.

Oncidium Papilio. The "Butterfly Orchid"; a striking and beautiful species which attracts much attention. The flowers are four to six inches across, yellow, marked and blotched with red, and usually open one at a time at the top of a tall scape. The three petals are narrow and all point upward, corresponding to the two antennae and the proboscis of a butterfly, while the two broad sepals and the two-lobed lip correspond to the wings. It should be grown in a basket with plenty of drainage and a very little moss, in a temperature of 65 to 70 degrees. A native of Trinidad. Price, \$2.00 to \$3.00 each.

Phallanopsis amabilis. A lovely orchid, producing a spike of white flowers three inches across, which last a long time in perfect condition. Best grown in baskets; should be kept as moist as possible and given abundance of heat. Native of the Philippine Islands, Java, etc. Price, \$3.00 to \$5.00 each.

Phallanopsis Schilleriana. An elegant orchid which sends up a long spike of lovely flowers, sometimes attaining the length of four feet. Flowers two and a half to three and a half inches in diameter, of a pretty rose purple ground, suffused with white and spotted with purple and yellow. Requires same culture as *P. amabilis*. A native of Luzon. Price, \$5.00 to \$6.00 each.

Stanhopea tigrina. This variety should be grown in baskets; flowers grow downwards and are a beautiful yellow blotched with purple and of delicious odor. Native of Mexico. Price, \$3.00 to \$4.00 each.



Cypripediums

(Lady's Slipper.)

Cypripediums are the easiest grown of all orchids. Pot-culture is preferable, the potting material being sphagnum moss and fibrous peat, with plenty of drainage. The plants should be elevated above the rim of the pot, to remove any chance of stagnant water standing around the base of the plant, and the material should be closely packed about the roots. They do not require rest like other orchids, but should be kept watered all the year round. A temperature of 55 to 65 degrees Fahrenheit suits them well, with plenty of light and ventilation, and shading only from the burning sun.

Cypripedium Boxallii. A desirable free-flowering species, with large shiny flowers; dorsal sepal green, white and purple; petals and lip greenish yellow, tinged with purple. A native of Burmah. Price, \$2.00 and \$3.00 each.

Cypripedium Dominionum. This fine species produces from three to five flowers on a scape; the sepals are whitish yellow; petals eight inches long, hanging downward, twisted, pale yellow marked with rose color and green; lip large, yellow with brown veins. Price, \$2.00 to \$5.00 each.

the best for general cultivation. The plant will do well in any ordinary greenhouse, or even in a sunny window. The flower is four inches across, with a shiny surface, in various shades of green from pale to bright apple, marked with purple, and the dorsal sepal margined with white. The flowers often lasting twelve weeks in perfection on the plant, and three or four weeks when cut. Native of India. Price, \$1.00 and \$2.00 each.

Cypripedium Sedeni. One of the most useful of all the many hybrid varieties. The flowers are



"A BIRDS-EYE" OF OUR GREENHOUSES.

Cypripedium Harrisianum. A hybrid variety, being the first artificially hybridized cypripedium to blossom. Its parents are *C. villosum* and *C. barbatum*. The dorsal sepal is large, shining, dark purple, white at top; petals and lip brown-purple, marked with green. A very easily grown and desirable species, often blooming several times a year. Price, \$2.00 to \$5.00 each.

Cypripedium insigne. One of the first of tropical orchids introduced to cultivation, and still one of

of shades of rose, crimson and white, and are produced in succession on a long scape bearing many flowers, so that a plant is in blossom for many months. Price, \$1.00 and \$2.00 each.

Cypripedium villosum. A very vigorous and free flowering species, the flowers of which have a shiny surface as if varnished. The colors are pale green, white and brownish yellow, the latter predominating. A native of Moulmein. Price, \$2.00 and \$3.00 each.



Miscellaneous Plants

Abutilon. (*Flowering Maple*.) General favorites, of easy culture, and, with their bell shaped flowers of various colors, present a beautiful appearance all summer. Price, 3-inch pots, 20 cts. each; \$2.00 per doz.

Achyranthes. A beautiful bedding plant. We offer the following varieties. Price, 10 cts. each; 75 cts. per doz.; \$6.00 per 100; *Brilliantissima*; *Formosum*; *Wallacii*.

Agapanthus umbellatus. A noble plant, with bright blue flowers borne on long stems, Price, 25 cts. to 50 cts. each.

Ageratum. A very useful plant for ribbon work, producing blue flowers freely. *Cope's Pet* and *Mayflower*, 5 cts. each; 50 cts. per doz.; *Giant*, price, 25 cts. each; \$2.50 per doz.

Alternanthera. Used for carpet and ribbon gardening. We offer the following varieties. Price, 50 cts. per doz.; \$5.00 per 100: *Aurea nana*; *Amæna*; *Latifolia*; *Parychionides*; *Rosea nana*; *Versicolor*

Crinum amabile. Belongs to the amaryllis family; of strong growth, producing beautifully fragrant white flowers. Price, 75 cts. each.

Coleus. Very useful in bedding or massing. Price, in variety, 15 cts. each; \$1.50 per dozen.

Daisies. We have a fine assortment, including that grand new variety, *Snow Crest*. Price, 10 cts. each; 75 cts. per dozen.

Euphorbia splendens. Beautiful scarlet flowers; very thorny stems. Price, 4-inch pots, 35 cts. each.

Forget-Me-Not. Price 10 cts. each; 75 cts. per dozen.

GINGER PLANT. (*Zingiber officinalis*.) *Jamaica Ginger root*. Price, 4-inch pots, 1 to 2 feet, 50 cts. each.

Gloxinias. Of those beautiful flowers we offer a fine strain. Price, pots, 40 cts. each; \$4.00 per dozen.

Heliotrope. Dark and light colors. Price, 15 cts. to 25 cts. each.

Imantophyllum mineatum. Foliage dark green; produces beautiful orange yellow flowers on long stems. Price, 25 cts. to 50 cts. each.

Japanese Fernballs. Price, 50 cts. each.

Lantana. Produces flowers of orange and yellow color. Price, 15 cts. each.

Lavender. Price, 3-inch pots, 25 cts. each.

Marguerite. Single white and yellow. Price 3-inch pots, 15 cts. each; \$1.50 per dozen; 4-inch pots, 20 cts. each; \$2.00 per dozen.

MAMMOTH MARGUERITE. Semi-double. We offer for the first time this new variety, which is a great improvement on the old single white, the flowers being larger and semi-double and the foliage also larger. The plant blooms very freely. Price, 2½-inch pots, 25 cts. each.

PANSY. We have devoted great attention to the improvement of the always popular pansy and offer a strain of great excellence. Price, 50 cts. per dozen.

Petunia. Large, double flowering varieties. Price, 10 cts. each; \$1.00 per dozen.

PEONY, HERBACEOUS. This grand ornament of our gardens cannot be praised too highly. They have extremely showy and large flowers and deep green, rich foliage. We offer four colors. Price, 20 cts. each; \$2.00 per dozen.

PEONY, TREE. This is a tree variety of the preceding; their flowers are immense in size and for brilliancy of color they are unsurpassed. Price, \$1.00 each.

PRIMROSE, MEXICAN. Beautiful sweet flowering plants. Should be known to all. Price, 10 cts. each; \$1.00 per dozen.

Rodhea Japonica alba. Dark green foliage with spikes of creamy white flowers, which are succeeded by showy fruit; almost an aquatic plant. Price, 25 cts. to 50 cts. each.

Rosemary. Another old-fashioned flower that should be in every one's garden. Price, 3-inch pots, 20 cts. each.

Salvia tricolor. Beautiful foliage; very useful for ribbon borders. Price, 20 cts. each; \$2.00 per dozen.

Saxifraga sarmentosa. Very useful for hanging baskets or rustic work. Price, 3-inch pots, 10 cts. each.

Solanum Capsicastrum. A pretty plant; covered with beautiful bright colored berries. Price, 3-inch pots, 25 cts. each.

Stocks. Of this old favorite flower we offer a fine strain of double flowering kinds. Price, 15 cts. each; \$1.50 per dozen.

Tea Plant. The tea plant of commerce. Price, 3-inch pots, 25 cts. each.

VANILLA PLANT. (*Liatris Odoratissima*.) The fleshy leaves for years after becoming dry exhale a rich vanilla fragrance. The flower is bright purple. Price, 25 cts. each.

Wallflower. Price, 15 cts. each.

Violets

Our nurseries at Menlo Park are famous the world over for their beautiful beds of violets, acres of which can be seen growing in the shade of the majestic oaks that abound there. We have for years devoted much attention to their culture. Violets may be planted during the months of December, January and February. Have the ground well prepared, and fertilized with decayed manure; after planting, if rain should not ensue, give them a watering and, when the plants are well established, mulch the beds with old, well pulverized manure. Violets prefer the shady nooks of the garden. Enough cannot be said in praise of this modest little flower, coming to us, as it does, in the gloomy period of the year when we have few other flowers to cheer us. They perfume the air with their sweet fragrance at a time when all other nature seems asleep.



VIOLETS—Continued

We offer for the first time the grand new variety, **Lady Hume Campbell**. This is a beautiful Double Blue; it is a grand forcing variety and also does admirably out of doors. It is a strong grower; very healthy and free from disease, and a constant and profuse bloomer. Price, 15 cts. each, \$1.25 per dozen.

The following old varieties we offer at 10 cts. each, 75 cts. per dozen, \$5.00 per 100.

Czar. (*Russian*.) Single purple, very dark and sweet; vigorous grower, flowers borne on long, erect stems.

Double Russian. Large deep purple, long stems.

Mad. Millot. Double pink, inclined to red; exceedingly fragrant, and free bloomer; a very desirable sort for those who love violets to add to their collection. It is not generally known how unique and beautiful this variety is.

Marie Louise. Dark purple, very large double and sweet, profuse bloomer, and regarded by many as the finest of all double violets.

Neapolitan. Light purple, large, double and deliciously sweet, profuse bloomer.

Swanley White. Finest double white, very sweet; should be given more sunlight than the purple varieties, as the flowers are liable to a greenish tint when too much shaded.



ACTUAL SIZE
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“The California”

MAMMOTH NEW VIOLET

Floral Wonder of the Century

Blooms cover a Silver Dollar
Stems 12 to 14 inches long

We gave the Violet
its glorious name
“The California”

We alone have supplied
the market with
its blooms

And we now offer
the plants
for sale

Color, Clear Violet-Purple. Plants vigorous and entirely free from Disease.

PRICES, One, 20 Cents; Six, 85 Cents; Dozen, \$1.50; Hundred, \$7.50.



GATHERING BLOOMS OF “THE CALIFORNIA.”



It is with pleasure that we offer for the first time :

ONE NEW GERANIUM, TWO NEW ROSES, THREE NEW CHRYSANTHEMUMS.

We own the entire stock and have given them all thorough tests at our nurseries prior to bringing them before the public, and we feel confident that they will not disappoint those who procure them. Below will be found a description of each variety.

New Geranium Snowball

Produces immense trusses of semi-double pure white flowers; the trusses are borne well above the foliage; habit of growth mediumly dwarf. One seldom finds a geranium with all the good qualities this variety possesses. It will prove a splendid bedding variety and is without doubt the best white geranium thus far introduced. Price, 35 cts. each.

Two New Roses

Palo Alto

This grand new rose we have grown for the past two seasons in our trial grounds, and find it to be a rose of great merit, producing enormous quantities of fine blooms throughout the entire season, from early spring to December, in the open ground. Color, rose suffused with carmine; buds long, pointed and very full; beautifully glossy foliage, never affected with mildew; a vigorous grower. Price, 3-inch pots, 50c. each.

Berkeley

A charming rose of great promise, especially beautiful in the bud, which is long and pointed; color deep crimson; a profuse bloomer, with dark, healthy, glossy foliage; a strong grower. After two years trial we can with confidence recommend it; in fact we consider Berkeley the best dark rose ever raised in California. Price, 3-inch pots, 50 cts. each.

Mr. Luther Burbank, the eminent horticultural specialist, pronounces Palo Alto the finest rose and freest bloomer he has ever seen.

Three New Chrysanthemums

Price, 75 cts. each, or \$2.00 for the three.

Mrs. Hugh Tevis

A fine large incurved flower, color a peculiar blending of apricot pink and old gold with a coppery luster; fine foliage; stiff stem; an excellent keeper; medium early. We know of no other Chrysanthemum possessing such a striking combination of colors. Wherever shown it has attracted marked attention, and from our knowledge of this most unique flower gained during the past two seasons we consider it a valuable acquisition.

Sunset Pink

Acknowledged by professionals who have seen it during the past two seasons the best late pink Chrysanthemum yet introduced, being in its prime around Christmas; flowers dark pink; reflexed; very large, high built, compact, and well developed to the center; borne on good stiff stems, which are clothed with heavy foliage of fine body and appearance; somewhat resembles Vivian Morel, though a great improvement on that variety, one point of superiority being its excellent substance. We predict that this grand flower will soon come to the front as a standard commercial variety.

Hersylrea

Very large; reflexed; bronze and yellow; obtained by crossing J. Collins' with Golden Gate, resulting in a decided improvement over Golden Gate; flowers of remarkable substance, stems stiff; foliage of excellent color and dense, coming well up on the stem; taken as a whole it is one of the very best bronze yellows yet introduced and without doubt has a great future.

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